

# Device List for BX32 Batupo I

**Revision Date:** April 27, 2018

**No. of supported Manufacturers:** 54

**No. of supported Device Variants:** 12.012

## Introduction

This document contains a list of the currently supported chip device variants for the Batronix programmer BX32 Batupo I.

If a required device isn't listed in this document, we will integrate it for you if possible at no charge! Just send us a brief request by e-mail to [service@batronix.com](mailto:service@batronix.com) and let us know the chip name, the chip manufacturer, chip package and the name of the programming device.

You can search through this document by pressing the keys CTRL+F.

## Einführung

Dieses Dokument enthält die aktuelle Liste der unterstützten Bausteine für das Batronix Programmiergerät BX32 Batupo I.

Sollte Ihr Wunsch-Baustein nicht in der folgenden Liste vorhanden sein, binden wir diesen wenn möglich gerne umgehend und kostenfrei für Sie ein! Schicken Sie uns einfach eine kurze Anfrage mit der Bezeichnung des gewünschten Chips, des Herstellers, der Gehäuseform und des Programmiergerätes per E-Mail an: [service@batronix.com](mailto:service@batronix.com).

Mit der Tastenkombination STRG+F können sie eine Suche über dieses Dokument starten.

## Contact

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## AMD

### AM27128 (21V) [ DIP 28 ]

**Manufacturer:** AMD

**Required Adapter:** None

**Variants:** AM27128-15DC, AM27128-15DI, AM27128-1DC, AM27128-1DI, AM27128-20DC, AM27128-20DI, AM27128-20DL, AM27128-20DM, AM27128-25DC, AM27128-25DI, AM27128-25DL, AM27128-25DM, AM27128-2DC, AM27128-2DI, AM27128-2DL, AM27128-30DC, AM27128-30DI, AM27128-30DL, AM27128-3DC, AM27128-3DI, AM27128-3DL, AM27128-45DC, AM27128-45DI, AM27128-45DL, AM27128-45DM, AM27128-4DC, AM27128-4DL

### AM27128A (12.5V) [ DIP 28 ]

**Manufacturer:** AMD

**Required Adapter:** None

**Variants:** AM27128A15DC, AM27128A15DCB, AM27128A15DI, AM27128A15DIB, AM27128A1DC, AM27128A1DCB, AM27128A1DI, AM27128A1DIB, AM27128A20DC, AM27128A20DCB, AM27128A20DE, AM27128A20DI, AM27128A20DIB, AM27128A20DLB, AM27128A20DM, AM27128A20PC, AM27128A25DC, AM27128A25DCB, AM27128A25DE, AM27128A25DI, AM27128A25DIB, AM27128A25DL, AM27128A25PC, AM27128A2DC, AM27128A2DCB, AM27128A2DI, AM27128A2DIB, AM27128A2PC, AM27128A30DC, AM27128A30DCB, AM27128A30DI, AM27128A30DIB, AM27128A30DM, AM27128A30PC, AM27128A35DC, AM27128A35DCB, AM27128A35DI, AM27128A35DIB, AM27128A3DC, AM27128A3DCB, AM27128A3DI, AM27128A3DIB, AM27128A3DL, AM27128A3PC, AM27128A45DC, AM27128A45DI, AM27128A45DIB, AM27128A45DM, AM27128A4DC, AM27128A4DCB, AM27128A4DI, AM27128A4DIB, AM27128A4PC, AM27128ADC, AM27128ADCB, AM27128ADI, AM27128ADIB, AM27128ADL, AM27128APC

### AM27128A (12.5V) [ PLCC 32 ]

**Manufacturer:** AMD

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** AM27128A15LC, AM27128A15LI, AM27128A1LC, AM27128A1LI, AM27128A20JC, AM27128A20LC, AM27128A20LI, AM27128A20LL, AM27128A20LM, AM27128A25JC, AM27128A25LC, AM27128A25LI, AM27128A25LL, AM27128A2JC, AM27128A2LC, AM27128A2LI, AM27128A30JC, AM27128A30LI, AM27128A30LL, AM27128A30LM, AM27128A3JC, AM27128A3LC, AM27128A3LI, AM27128A45LL, AM27128A45LM, AM27128A4JC, AM27128A4LC, AM27128A4LI, AM27128A4LL

### AM2716 (read only) [ DIP 24 ]

**Manufacturer:** AMD

**Required Adapter:** None

**Variants:** AM2716-1DC, AM2716-1DCB, AM2716-1DI, AM2716-1DL, AM2716-1DLB, AM2716-2DC, AM2716DC, AM2716DI, AM2716DL, AM2716DM

### AM2716B (read only) [ DIP 24 ]

**Manufacturer:** AMD

**Required Adapter:** None

**Variants:** AM2716B-100DC, AM2716B-100DE, AM2716B-100DI, AM2716B-105DC, AM2716B-105DE, AM2716B-105DI, AM2716B-150DC, AM2716B-150DCB, AM2716B-150DE, AM2716B-150DI, AM2716B-150DIB, AM2716B-155DC, AM2716B-155DCB, AM2716B-155DE, AM2716B-155DI, AM2716B-155DIB, AM2716B-200DC, AM2716B-200DCB, AM2716B-200DE, AM2716B-200DI, AM2716B-200DIB, AM2716B-205DC, AM2716B-205DCB, AM2716B-205DE, AM2716B-205DI, AM2716B-205DIB, AM2716B-250DC, AM2716B-250DCB, AM2716B-250DE, AM2716B-250DI, AM2716B-250DIB, AM2716B-300DC, AM2716B-300DCB, AM2716B-300DE, AM2716B-300DI, AM2716B-300DIB, AM2716B-305DC, AM2716B-305DCB, AM2716B-305DE, AM2716B-305DI, AM2716B-305DIB, AM2716B-450DC, AM2716B-450DCB, AM2716B-450DE, AM2716B-450DI, AM2716B-450DIB, AM2716B-455DC, AM2716B-455DCB, AM2716B-455DE, AM2716B-455DI, AM2716B-455DIB

### AM27256 (13V) [ DIP 28 ]

**Manufacturer:** AMD

**Required Adapter:** None

**Variants:** AM27256-20PC, AM27256-25PC, AM27256-2PC, AM27256-4PC, AM27256PC

### AM27256 (13V) [ PLCC 32 ]

**Manufacturer:** AMD

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** AM27256-20JC, AM27256-25JC, AM27256-2JC, AM27256-4JC, AM27256JC

### AM2732 (25V) [ DIP 24 ]

**Manufacturer:** AMD

**Required Adapter:** None

**Variants:** AM2732-1DC, AM2732-DC, AM2732DC

### AM2732A (21V) [ DIP 24 ]

**Manufacturer:** AMD

**Required Adapter:** None

**Variants:** AM2732A-20DC, AM2732A-25DC, AM2732A-2DC, AM2732A-30DC, AM2732A-3DC, AM2732A-45DC, AM2732A-4DC, AM2732A-DC, AM2732A15DC, AM2732A15DI, AM2732ADC

**AM2732B (12.5V) [ DIP 24 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM2732B-100DC, AM2732B-100DI, AM2732B-105DC, AM2732B-105DI, AM2732B-150DC, AM2732B-150DI, AM2732B-155DC, AM2732B-155DI, AM2732B-200DC, AM2732B-200DE, AM2732B-200DI, AM2732B-205DC, AM2732B-205DI, AM2732B-250DC, AM2732B-250DE, AM2732B-250DI, AM2732B-300DC, AM2732B-300DE, AM2732B-300DI, AM2732B-305DC, AM2732B-305DI, AM2732B-450DC, AM2732B-450DE, AM2732B-450DI, AM2732B-455DC, AM2732B-455DI, AM2732BDC, AM2732BDI**AM2732B (12.5V) [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP24](#)**Variants:** AM2732B-100JC, AM2732B-100JI, AM2732B-105JC, AM2732B-105JI, AM2732B-150JC, AM2732B-150JI, AM2732B-155JC, AM2732B-155JI, AM2732B-200JC, AM2732B-200JE, AM2732B-200JI, AM2732B-205JC, AM2732B-205JI, AM2732B-250JC, AM2732B-250JE, AM2732B-250JI, AM2732B-300JC, AM2732B-300JE, AM2732B-300JI, AM2732B-305JC, AM2732B-305JI, AM2732B-450JC, AM2732B-450JE, AM2732B-450JI, AM2732B-455JC, AM2732B-455JI, AM2732BJC, AM2732BJI**AM27512 (13V) [ DIP 28 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM27512-25DC, AM27512-25DI, AM27512-25DL, AM27512-25DM, AM27512-30DC, AM27512-30DI, AM27512-30DL, AM27512-30DM, AM27512-3DC, AM27512-3DI, AM27512-3DL, AM27512-3DM, AM27512-45DC, AM27512-45DI, AM27512-45DL, AM27512-45DM, AM27512DC, AM27512DI, AM27512DL, AM27512DM**AM2764 (12.5V) [ DIP 28 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM2764-20DC, AM2764-25DC, AM2764-2DC, AM2764-4DC, AM2764DC**AM2764 (12.5V) [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP28](#)**Variants:** AM2764-20JC, AM2764-25JC, AM2764-2JC, AM2764-4JC, AM2764JC**AM2764A (12.5V) [ DIP 28 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM2764A-20DC, AM2764A-25DC, AM2764A-2DC, AM2764A-4DC, AM2764ADC**AM2764A (12.5V) [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP28](#)**Variants:** AM2764A-20JC, AM2764A-25JC, AM2764A-2JC, AM2764A-4JC, AM2764AJC**AM27C010 [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM27C010-120DC, AM27C010-120DCB, AM27C010-120DE, AM27C010-120DEB, AM27C010-120DI, AM27C010-120DIB, AM27C010-120PC, AM27C010-120PI, AM27C010-150DC, AM27C010-150DCB, AM27C010-150DE, AM27C010-150DEB, AM27C010-150DI, AM27C010-150DIB, AM27C010-150PC, AM27C010-150PI, AM27C010-200DC, AM27C010-200DCB, AM27C010-200DE, AM27C010-200DEB, AM27C010-200DI, AM27C010-200DIB, AM27C010-200PC, AM27C010-200PI, AM27C010-255DC, AM27C010-255DCB, AM27C010-255DI, AM27C010-255DIB, AM27C010-255PC, AM27C010-255PI, AM27C010-45DC, AM27C010-45DC5, AM27C010-45DC5B, AM27C010-45DCB, AM27C010-45DI, AM27C010-45DI5, AM27C010-45DI5B, AM27C010-45DIB, AM27C010-45PC, AM27C010-45PC5, AM27C010-45PI, AM27C010-45PI5, AM27C010-55DC, AM27C010-55DCB, AM27C010-55DI, AM27C010-55DIB, AM27C010-55PC, AM27C010-55PI, AM27C010-70DC, AM27C010-70DCB, AM27C010-70DI, AM27C010-70DIB, AM27C010-70PC, AM27C010-70PI, AM27C010-90DC, AM27C010-90DCB, AM27C010-90DI, AM27C010-90DIB, AM27C010-90PC, AM27C010-90PI**AM27C010 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM27C010-120JC, AM27C010-120JI, AM27C010-150JC, AM27C010-150JI, AM27C010-200JC, AM27C010-200JI, AM27C010-255JC, AM27C010-255JI, AM27C010-45JC, AM27C010-45JC5, AM27C010-45JI, AM27C010-45JI5, AM27C010-55JC, AM27C010-55JI, AM27C010-70JC, AM27C010-70JI, AM27C010-90JC, AM27C010-90JI**AM27C020 [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM27C020-120DC, AM27C020-120DCB, AM27C020-120DE, AM27C020-120DEB, AM27C020-120DI, AM27C020-120DIB, AM27C020-120PC, AM27C020-120PI, AM27C020-150DC, AM27C020-150DCB, AM27C020-150DE, AM27C020-150DEB, AM27C020-150DI, AM27C020-150DIB, AM27C020-150PC, AM27C020-150PI, AM27C020-200DC, AM27C020-200DCB, AM27C020-200DE, AM27C020-200DEB, AM27C020-200DI, AM27C020-200DIB, AM27C020-200PC, AM27C020-200PI, AM27C020-255DC, AM27C020-255DCB, AM27C020-255DI, AM27C020-255DIB, AM27C020-255PC, AM27C020-255PI, AM27C020-55DC, AM27C020-55DC5, AM27C020-55DC5B, AM27C020-55DCB, AM27C020-55DI, AM27C020-55DI5, AM27C020-55DI5B, AM27C020-55DIB, AM27C020-55PC, AM27C020-55PC5, AM27C020-55PI, AM27C020-55PI5, AM27C020-70DC, AM27C020-70DCB, AM27C020-70DI, AM27C020-70DIB, AM27C020-75PC, AM27C020-75PI, AM27C020-90DC, AM27C020-90DCB, AM27C020-90DI, AM27C020-90DIB, AM27C020-90PC, AM27C020-90PI

**AM27C020 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM27C020-120JC, AM27C020-120JI, AM27C020-150JC, AM27C020-150JI, AM27C020-200JC, AM27C020-200JI, AM27C020-255JC, AM27C020-255JI, AM27C020-55JC, AM27C020-55JC5, AM27C020-55JI, AM27C020-55JI5, AM27C020-75JC, AM27C020-75JI, AM27C020-90JC, AM27C020-90JI**AM27C040 [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM27C040-120DC, AM27C040-120DCB, AM27C040-120DE, AM27C040-120DEB, AM27C040-120DI, AM27C040-120DIB, AM27C040-120PC, AM27C040-120PI, AM27C040-150DC, AM27C040-150DCB, AM27C040-150DE, AM27C040-150DEB, AM27C040-150DI, AM27C040-150DIB, AM27C040-150PC, AM27C040-150PI, AM27C040-200DC, AM27C040-200DCB, AM27C040-200DE, AM27C040-200DEB, AM27C040-200DI, AM27C040-200DIB, AM27C040-200PC, AM27C040-200PI, AM27C040-90DC, AM27C040-90DCB, AM27C040-90DE, AM27C040-90DEB, AM27C040-90DI, AM27C040-90DIB, AM27C040-90PC, AM27C040-90PI**AM27C040 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM27C040-120JC, AM27C040-120JI, AM27C040-150JC, AM27C040-150JI, AM27C040-200JC, AM27C040-200JI, AM27C040-90JC, AM27C040-90JI**AM27C080 [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM27C080-105DC, AM27C080-105DCB, AM27C080-120DC, AM27C080-120DCB, AM27C080-120DI, AM27C080-120DIB, AM27C080-120PC, AM27C080-120PI, AM27C080-125DC, AM27C080-125DCB, AM27C080-125DI, AM27C080-125DIB, AM27C080-125PC, AM27C080-125PI, AM27C080-150DC, AM27C080-150DCB, AM27C080-150DE, AM27C080-150DEB, AM27C080-150DI, AM27C080-150DIB, AM27C080-150PC, AM27C080-150PI, AM27C080-155DC, AM27C080-155DCB, AM27C080-155DI, AM27C080-155DIB, AM27C080-155PC, AM27C080-155PI, AM27C080-170DC, AM27C080-170DCB, AM27C080-170DI, AM27C080-170DIB, AM27C080-170PC, AM27C080-175DC, AM27C080-175DCB, AM27C080-175DI, AM27C080-175DIB, AM27C080-175PC, AM27C080-200DC, AM27C080-200DCB, AM27C080-200DE, AM27C080-200DEB, AM27C080-200DI, AM27C080-200DIB, AM27C080-200PC, AM27C080-200PI, AM27C080-205DC, AM27C080-205DCB, AM27C080-205DI, AM27C080-205DIB, AM27C080-205PC, AM27C080-205DCB, AM27C080-250DI, AM27C080-250DIB, AM27C080-250PC, AM27C080-255DC, AM27C080-255DCB, AM27C080-255DE, AM27C080-255DEB, AM27C080-255DI, AM27C080-255DIB, AM27C080-255PC, AM27C080-255PI**AM27C080 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM27C080-120JI, AM27C080-120LC, AM27C080-125JC, AM27C080-125JI, AM27C080-125LC, AM27C080-150JC, AM27C080-150JI, AM27C080-150LC, AM27C080-200JC, AM27C080-200JI, AM27C080-200LC, AM27C080-250JC, AM27C080-250LC, AM27C080-255JC, AM27C080-255JI, AM27C080-255LC, AM27C080-255PC**AM27C128 [ DIP 28 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM27C128-120DC, AM27C128-120DCB, AM27C128-120DE, AM27C128-120DEB, AM27C128-120DI, AM27C128-120DIB, AM27C128-120PC, AM27C128-120PI, AM27C128-150DC, AM27C128-150DCB, AM27C128-150DE, AM27C128-150DEB, AM27C128-150DI, AM27C128-150DIB, AM27C128-150PC, AM27C128-150PI, AM27C128-200DC, AM27C128-200DCB, AM27C128-200DE, AM27C128-200DEB, AM27C128-200DI, AM27C128-200DIB, AM27C128-200PC, AM27C128-200PI, AM27C128-255DC, AM27C128-255DCB, AM27C128-255DI, AM27C128-255DIB, AM27C128-255PC, AM27C128-255PI, AM27C128-45DC, AM27C128-45DCB, AM27C128-45DI, AM27C128-45DIB, AM27C128-55DC, AM27C128-55DCB, AM27C128-55DI, AM27C128-55DIB, AM27C128-55PC, AM27C128-55PI, AM27C128-70DC, AM27C128-70DCB, AM27C128-70DE, AM27C128-70DEB, AM27C128-70DI, AM27C128-70DIB, AM27C128-70PC, AM27C128-70PI, AM27C128-90DC, AM27C128-90DCB, AM27C128-90DE, AM27C128-90DEB, AM27C128-90DI, AM27C128-90DIB, AM27C128-90PC, AM27C128-90PI**AM27C128 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP28](#)**Variants:** AM27C128-120JC, AM27C128-120JI, AM27C128-150JC, AM27C128-150JI, AM27C128-200JC, AM27C128-200JI, AM27C128-255JC, AM27C128-255JI, AM27C128-55JC, AM27C128-55JI, AM27C128-70JC, AM27C128-70JI, AM27C128-90JC, AM27C128-90JI**AM27C256 [ DIP 28 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM27C256-120DC, AM27C256-120DCB, AM27C256-120DE, AM27C256-120DEB, AM27C256-120DI, AM27C256-120DIB, AM27C256-120PC, AM27C256-120PI, AM27C256-150DC, AM27C256-150DCB, AM27C256-150DE, AM27C256-150DEB, AM27C256-150DI, AM27C256-150DIB, AM27C256-150PC, AM27C256-150PI, AM27C256-200DC, AM27C256-200DCB, AM27C256-200DE, AM27C256-200DEB, AM27C256-200DI, AM27C256-200DIB, AM27C256-200PC, AM27C256-200PI, AM27C256-255DC, AM27C256-255DCB, AM27C256-255DI, AM27C256-255DIB, AM27C256-255PC, AM27C256-255PI, AM27C256-45DC, AM27C256-45DCB, AM27C256-45DI, AM27C256-45DIB, AM27C256-55DC, AM27C256-55DCB, AM27C256-55DI, AM27C256-55DIB, AM27C256-55PC, AM27C256-55PI, AM27C256-70DC, AM27C256-70DCB, AM27C256-70DE, AM27C256-70DEB, AM27C256-70DI, AM27C256-70DIB, AM27C256-70PC, AM27C256-70PI, AM27C256-90DC, AM27C256-90DCB, AM27C256-90DE, AM27C256-90DEB, AM27C256-90DI, AM27C256-90DIB, AM27C256-90PC, AM27C256-90PI

**AM27C256 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP28](#)**Variants:** AM27C256-120JC, AM27C256-120JI, AM27C256-150JC, AM27C256-150JI, AM27C256-200JC, AM27C256-200JI, AM27C256-255JC, AM27C256-255JI, AM27C256-55JC, AM27C256-70JC, AM27C256-70JI, AM27C256-90JC, AM27C256-90JI**AM27C512 [ DIP 28 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM27C512-120DC, AM27C512-120DCB, AM27C512-120DE, AM27C512-120DEB, AM27C512-120DI, AM27C512-120DIB, AM27C512-120PC, AM27C512-120PI, AM27C512-150DC, AM27C512-150DCB, AM27C512-150DE, AM27C512-150DEB, AM27C512-150DI, AM27C512-150DIB, AM27C512-150PC, AM27C512-150PI, AM27C512-175DC, AM27C512-175DCB, AM27C512-175DE, AM27C512-175DEB, AM27C512-175DI, AM27C512-175DIB, AM27C512-175PC, AM27C512-175PI, AM27C512-200DC, AM27C512-200DCB, AM27C512-200DE, AM27C512-200DEB, AM27C512-200DI, AM27C512-200DIB, AM27C512-200PC, AM27C512-200PI, AM27C512-255DC, AM27C512-255DCB, AM27C512-255DI, AM27C512-255DIB, AM27C512-255PC, AM27C512-255PI, AM27C512-55DC, AM27C512-55DC5, AM27C512-55DCB, AM27C512-55PC, AM27C512-55PC5, AM27C512-55PI, AM27C512-55PI5, AM27C512-70DC, AM27C512-70DCB, AM27C512-70DI, AM27C512-70DIB, AM27C512-70PC, AM27C512-70PI, AM27C512-90DC, AM27C512-90DCB, AM27C512-90DI, AM27C512-90DIB, AM27C512-90PC, AM27C512-90PI**AM27C512 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP28](#)**Variants:** AM27C512-120JC, AM27C512-120JI, AM27C512-150JC, AM27C512-150JI, AM27C512-175JC, AM27C512-175JI, AM27C512-200JC, AM27C512-200JI, AM27C512-255JC, AM27C512-255JI, AM27C512-45JC, AM27C512-45JC5, AM27C512-45JI, AM27C512-45JI5, AM27C512-55JC, AM27C512-55JI, AM27C512-70JC, AM27C512-70JI, AM27C512-90JC, AM27C512-90JI**AM27C64 [ DIP 28 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM27C64-120DC, AM27C64-120DCB, AM27C64-120DE, AM27C64-120DEB, AM27C64-120DI, AM27C64-120DIB, AM27C64-120PC, AM27C64-120PI, AM27C64-150DC, AM27C64-150DCB, AM27C64-150DE, AM27C64-150DEB, AM27C64-150DI, AM27C64-150DIB, AM27C64-150PC, AM27C64-150PI, AM27C64-200DC, AM27C64-200DCB, AM27C64-200DE, AM27C64-200DEB, AM27C64-200DI, AM27C64-200DIB, AM27C64-200PC, AM27C64-200PI, AM27C64-255DC, AM27C64-255DCB, AM27C64-255DI, AM27C64-255DIB, AM27C64-255PC, AM27C64-255PI, AM27C64-45DC, AM27C64-45DCB, AM27C64-45DI, AM27C64-45DIB, AM27C64-55DC, AM27C64-55DCB, AM27C64-55DI, AM27C64-55DIB, AM27C64-55PC, AM27C64-55PI, AM27C64-70DC, AM27C64-70DCB, AM27C64-70DE, AM27C64-70DEB, AM27C64-70DI, AM27C64-70DIB, AM27C64-70PC, AM27C64-70PI, AM27C64-90DC, AM27C64-90DCB, AM27C64-90DE, AM27C64-90DEB, AM27C64-90DI, AM27C64-90DIB, AM27C64-90PC, AM27C64-90PI**AM27C64 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP28](#)**Variants:** AM27C64-120JC, AM27C64-120JI, AM27C64-150JC, AM27C64-150JI, AM27C64-200JC, AM27C64-200JI, AM27C64-255JC, AM27C64-255JI, AM27C64-55JC, AM27C64-55JI, AM27C64-70JC, AM27C64-70JI, AM27C64-90JC, AM27C64-90JI**AM27H010 [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM27H010-45DC, AM27H010-45DCB, AM27H010-45DI, AM27H010-45DIB, AM27H010-45V05DC, AM27H010-45V05DCB, AM27H010-45V05DI, AM27H010-45V05DIB, AM27H010-55/BXA, AM27H010-55DC, AM27H010-55DCB, AM27H010-55DE, AM27H010-55DEB, AM27H010-55DI, AM27H010-55DIB, AM27H010-55PC, AM27H010-70/BXA, AM27H010-70DC, AM27H010-70DCB, AM27H010-70DE, AM27H010-70DEB, AM27H010-70DI, AM27H010-70DIB, AM27H010-70PC, AM27H010-90/BXA, AM27H010-90DC, AM27H010-90DCB, AM27H010-90DE, AM27H010-90DEB, AM27H010-90DI, AM27H010-90DIB, AM27H010-90PC, AM27H010-90V05PC**AM27H010 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM27H010-45, AM27H010-45LC, AM27H010-45LCB, AM27H010-45LI, AM27H010-45LIB, AM27H010-45V05, AM27H010-45V05LC, AM27H010-45V05LCB, AM27H010-45V05LI, AM27H010-45V05LIB, AM27H010-55/BUA, AM27H010-55JC, AM27H010-55LC, AM27H010-55LCB, AM27H010-55LE, AM27H010-55LEB, AM27H010-55LI, AM27H010-55LIB, AM27H010-70/BUA, AM27H010-70JC, AM27H010-70LC, AM27H010-70LCB, AM27H010-70LE, AM27H010-70LEB, AM27H010-70LI, AM27H010-70LIB, AM27H010-90/BUA, AM27H010-90JC, AM27H010-90LC, AM27H010-90LCB, AM27H010-90LE, AM27H010-90LEB, AM27H010-90LI, AM27H010-90LIB, AM27H010-90V05JC**AM27H256 [ DIP 28 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM27H256-35DC, AM27H256-35DCB, AM27H256-35DI, AM27H256-35DIB, AM27H256-35V05DC, AM27H256-35V05DCB, AM27H256-35V05DI, AM27H256-35V05DIB, AM27H256-35V05PC, AM27H256-45DC, AM27H256-45DCB, AM27H256-45DE, AM27H256-45DEB, AM27H256-45DI, AM27H256-45DIB, AM27H256-45PC

**AM27H256 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP28](#)**Variants:** AM27H256-35LC, AM27H256-35LCB, AM27H256-35LI, AM27H256-35LIB, AM27H256-35V05JC, AM27H256-35V05LC, AM27H256-35V05LCB, AM27H256-35V05LI, AM27H256-35V05LIB, AM27H256-45JC, AM27H256-45LC, AM27H256-45LCB, AM27H256-45LE, AM27H256-45LEB, AM27H256-45LI, AM27H256-45LIB**AM2864AE [ DIP 28 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM2864AE-200/BXA, AM2864AE-200DC, AM2864AE-200DCB, AM2864AE-200DE, AM2864AE-200DEB, AM2864AE-200DI, AM2864AE-200DIB, AM2864AE-205DC, AM2864AE-205DCB, AM2864AE-205DE, AM2864AE-205DEB, AM2864AE-205DI, AM2864AE-205DIB, AM2864AE-250/BXA, AM2864AE-250DC, AM2864AE-250DCB, AM2864AE-250DE, AM2864AE-250DEB, AM2864AE-250DI, AM2864AE-250DIB, AM2864AE-255DC, AM2864AE-255DCB, AM2864AE-255DE, AM2864AE-255DEB, AM2864AE-255DI, AM2864AE-255DIB, AM2864AE-300/BXA, AM2864AE-300DC, AM2864AE-300DCB, AM2864AE-300DE, AM2864AE-300DEB, AM2864AE-300DI, AM2864AE-300DIB, AM2864AE-305DC, AM2864AE-305DCB, AM2864AE-305DE, AM2864AE-305DEB, AM2864AE-305DI, AM2864AE-305DIB, AM2864AE-350/BXA, AM2864AE-350DC, AM2864AE-350DCB, AM2864AE-350DE, AM2864AE-350DEB, AM2864AE-350DI, AM2864AE-350DIB, AM2864AE-355DC, AM2864AE-355DCB, AM2864AE-355DE, AM2864AE-355DEB, AM2864AE-355DI, AM2864AE-355DIB**AM2864AE [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP28](#)**Variants:** AM2864AE-200/BUA, AM2864AE-200LC, AM2864AE-200LCB, AM2864AE-200LE, AM2864AE-200LEB, AM2864AE-200LI, AM2864AE-200LIB, AM2864AE-205LC, AM2864AE-205LCB, AM2864AE-205LE, AM2864AE-205LEB, AM2864AE-205LI, AM2864AE-205LIB, AM2864AE-250/BUA, AM2864AE-250LC, AM2864AE-250LCB, AM2864AE-250LE, AM2864AE-250LEB, AM2864AE-250LI, AM2864AE-250LIB, AM2864AE-255LC, AM2864AE-255LCB, AM2864AE-255LE, AM2864AE-255LEB, AM2864AE-255LI, AM2864AE-255LIB, AM2864AE-300/BUA, AM2864AE-300LC, AM2864AE-300LCB, AM2864AE-300LE, AM2864AE-300LEB, AM2864AE-300LI, AM2864AE-300LIB, AM2864AE-305LC, AM2864AE-305LCB, AM2864AE-305LE, AM2864AE-305LEB, AM2864AE-305LI, AM2864AE-305LIB, AM2864AE-350/BUA, AM2864AE-350LC, AM2864AE-350LCB, AM2864AE-350LE, AM2864AE-350LEB, AM2864AE-350LI, AM2864AE-350LIB, AM2864AE-355LC, AM2864AE-355LCB, AM2864AE-355LE, AM2864AE-355LEB, AM2864AE-355LI, AM2864AE-355LIB**AM28F010 [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM28F010-120PC, AM28F010-120PE, AM28F010-120PI, AM28F010-150PC, AM28F010-150PE, AM28F010-150PI, AM28F010-200PC, AM28F010-200PE, AM28F010-200PI, AM28F010-70PC, AM28F010-70PE, AM28F010-70PI, AM28F010-90PC, AM28F010-90PE, AM28F010-90PI**AM28F010 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM28F010-120JC, AM28F010-120JE, AM28F010-120JI, AM28F010-150JC, AM28F010-150JE, AM28F010-150JI, AM28F010-200JC, AM28F010-200JE, AM28F010-200JI, AM28F010-70JC, AM28F010-70JE, AM28F010-70JI, AM28F010-90JC, AM28F010-90JE, AM28F010-90JI**AM28F010 [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM28F010-120EC, AM28F010-120EE, AM28F010-120EI, AM28F010-150EC, AM28F010-150EE, AM28F010-150EI, AM28F010-200EC, AM28F010-200EE, AM28F010-200EI, AM28F010-70EC, AM28F010-70EE, AM28F010-70EI, AM28F010-90EC, AM28F010-90EE, AM28F010-90EI**AM28F010A [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM28F010A-120PC, AM28F010A-120PE, AM28F010A-120PI, AM28F010A-150PC, AM28F010A-150PE, AM28F010A-150PI, AM28F010A-200PC, AM28F010A-200PE, AM28F010A-200PI, AM28F010A-70PC, AM28F010A-70PE, AM28F010A-70PI, AM28F010A-90PC, AM28F010A-90PE, AM28F010A-90PI**AM28F010A [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM28F010A-120JC, AM28F010A-120JE, AM28F010A-120JI, AM28F010A-150JC, AM28F010A-150JE, AM28F010A-150JI, AM28F010A-200JC, AM28F010A-200JE, AM28F010A-200JI, AM28F010A-70JC, AM28F010A-70JE, AM28F010A-70JI, AM28F010A-90JC, AM28F010A-90JE, AM28F010A-90JI**AM28F010A [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM28F010A-120EC, AM28F010A-120EE, AM28F010A-120EI, AM28F010A-150EC, AM28F010A-150EE, AM28F010A-150EI, AM28F010A-200EC, AM28F010A-200EE, AM28F010A-200EI, AM28F010A-70EC, AM28F010A-70EE, AM28F010A-70EI, AM28F010A-90EC, AM28F010A-90EE, AM28F010A-90EI

**AM28F020 [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM28F020-120PC, AM28F020-120PE, AM28F020-120PI, AM28F020-150PC, AM28F020-150PE, AM28F020-150PI, AM28F020-200PC, AM28F020-200PE, AM28F020-200PI, AM28F020-70PC, AM28F020-70PE, AM28F020-70PI, AM28F020-90PC, AM28F020-90PE, AM28F020-90PI**AM28F020 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM28F020-120JC, AM28F020-120JE, AM28F020-120JI, AM28F020-150JC, AM28F020-150JE, AM28F020-150JI, AM28F020-200JC, AM28F020-200JE, AM28F020-200JI, AM28F020-70JC, AM28F020-70JE, AM28F020-70JI, AM28F020-90JC, AM28F020-90JE, AM28F020-90JI**AM28F020 [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM28F020-120EC, AM28F020-120EE, AM28F020-120EI, AM28F020-150EC, AM28F020-150EE, AM28F020-150EI, AM28F020-200EC, AM28F020-200EE, AM28F020-200EI, AM28F020-70EC, AM28F020-70EE, AM28F020-70EI, AM28F020-90EC, AM28F020-90EE, AM28F020-90EI**AM28F020A [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM28F020A-120PC, AM28F020A-120PE, AM28F020A-120PI, AM28F020A-150PC, AM28F020A-150PE, AM28F020A-150PI, AM28F020A-200PC, AM28F020A-200PE, AM28F020A-200PI, AM28F020A-70PC, AM28F020A-70PE, AM28F020A-70PI, AM28F020A-90PC, AM28F020A-90PE, AM28F020A-90PI**AM28F020A [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM28F020A-120JC, AM28F020A-120JE, AM28F020A-120JI, AM28F020A-150JC, AM28F020A-150JE, AM28F020A-150JI, AM28F020A-200JC, AM28F020A-200JE, AM28F020A-200JI, AM28F020A-70JC, AM28F020A-70JE, AM28F020A-70JI, AM28F020A-90JC, AM28F020A-90JE, AM28F020A-90JI**AM28F020A [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM28F020A-120EC, AM28F020A-120EE, AM28F020A-120EI, AM28F020A-150EC, AM28F020A-150EE, AM28F020A-150EI, AM28F020A-200EC, AM28F020A-200EE, AM28F020A-200EI, AM28F020A-70EC, AM28F020A-70EE, AM28F020A-70EI, AM28F020A-90EC, AM28F020A-90EE, AM28F020A-90EI**AM28F256 [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM28F256-120PC, AM28F256-120PE, AM28F256-120PI, AM28F256-150PC, AM28F256-150PE, AM28F256-150PI, AM28F256-200PC, AM28F256-200PE, AM28F256-200PI, AM28F256-70PC, AM28F256-70PE, AM28F256-70PI, AM28F256-90PC, AM28F256-90PE, AM28F256-90PI**AM28F256 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM28F256-120JC, AM28F256-120JE, AM28F256-120JI, AM28F256-150JC, AM28F256-150JE, AM28F256-150JI, AM28F256-200JC, AM28F256-200JE, AM28F256-200JI, AM28F256-70JC, AM28F256-70JE, AM28F256-70JI, AM28F256-90JC, AM28F256-90JE, AM28F256-90JI**AM28F256 [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM28F256-120EC, AM28F256-120EE, AM28F256-120EI, AM28F256-150EC, AM28F256-150EE, AM28F256-150EI, AM28F256-200EC, AM28F256-200EE, AM28F256-200EI, AM28F256-70EC, AM28F256-70EE, AM28F256-70EI, AM28F256-90EC, AM28F256-90EE, AM28F256-90EI**AM28F512 [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM28F512-120PC, AM28F512-120PE, AM28F512-120PI, AM28F512-150PC, AM28F512-150PE, AM28F512-150PI, AM28F512-200PC, AM28F512-200PE, AM28F512-200PI, AM28F512-70PC, AM28F512-70PE, AM28F512-70PI, AM28F512-90PC, AM28F512-90PE, AM28F512-90PI

**AM28F512 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM28F512-120JC, AM28F512-120JE, AM28F512-120JI, AM28F512-150JC, AM28F512-150JE, AM28F512-150JI, AM28F512-200JC, AM28F512-200JE, AM28F512-200JI, AM28F512-70JC, AM28F512-70JE, AM28F512-70JI, AM28F512-90JC, AM28F512-90JE, AM28F512-90JI**AM28F512 [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM28F512-120EC, AM28F512-120EE, AM28F512-120EI, AM28F512-150EC, AM28F512-150EE, AM28F512-150EI, AM28F512-200EC, AM28F512-200EE, AM28F512-200EI, AM28F512-70EC, AM28F512-70EE, AM28F512-70EI, AM28F512-90EC, AM28F512-90EE, AM28F512-90EI**AM28F512A [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM28F512A-120PC, AM28F512A-120PE, AM28F512A-120PI, AM28F512A-150PC, AM28F512A-150PE, AM28F512A-150PI, AM28F512A-200PC, AM28F512A-200PE, AM28F512A-200PI, AM28F512A-70PC, AM28F512A-70PE, AM28F512A-70PI, AM28F512A-90PC, AM28F512A-90PE, AM28F512A-90PI**AM28F512A [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM28F512A-120JC, AM28F512A-120JE, AM28F512A-120JI, AM28F512A-150JC, AM28F512A-150JE, AM28F512A-150JI, AM28F512A-200JC, AM28F512A-200JE, AM28F512A-200JI, AM28F512A-70JC, AM28F512A-70JE, AM28F512A-70JI, AM28F512A-90JC, AM28F512A-90JE, AM28F512A-90JI**AM28F512A [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM28F512A-120EC, AM28F512A-120EE, AM28F512A-120EI, AM28F512A-150EC, AM28F512A-150EE, AM28F512A-150EI, AM28F512A-200EC, AM28F512A-200EE, AM28F512A-200EI, AM28F512A-70EC, AM28F512A-70EE, AM28F512A-70EI, AM28F512A-90EC, AM28F512A-90EE, AM28F512A-90EI**AM29F002BB [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM29F002BB-120PC, AM29F002BB-120PE, AM29F002BB-120PI, AM29F002BB-55PC, AM29F002BB-70PC, AM29F002BB-70PI, AM29F002BB-90PC, AM29F002BB-90PE, AM29F002BB-90PI**AM29F002BB [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM29F002BB-120JC, AM29F002BB-120JE, AM29F002BB-120JI, AM29F002BB-55JC, AM29F002BB-55JI, AM29F002BB-70JC, AM29F002BB-70JI, AM29F002BB-90JC, AM29F002BB-90JE, AM29F002BB-90JI**AM29F002BB [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM29F002BB-120EC, AM29F002BB-120EE, AM29F002BB-120EI, AM29F002BB-55EC, AM29F002BB-55EI, AM29F002BB-70EC, AM29F002BB-70EI, AM29F002BB-90EC, AM29F002BB-90EE, AM29F002BB-90EI**AM29F002BT [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM29F002BT-120PC, AM29F002BT-120PE, AM29F002BT-120PI, AM29F002BT-55PC, AM29F002BT-70PC, AM29F002BT-70PI, AM29F002BT-90PC, AM29F002BT-90PE, AM29F002BT-90PI**AM29F002BT [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM29F002BT-120JC, AM29F002BT-120JE, AM29F002BT-120JI, AM29F002BT-55JC, AM29F002BT-55JI, AM29F002BT-70JC, AM29F002BT-70JI, AM29F002BT-90JC, AM29F002BT-90JE, AM29F002BT-90JI**AM29F002BT [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM29F002BT-120EC, AM29F002BT-120EE, AM29F002BT-120EI, AM29F002BT-55EC, AM29F002BT-55EI, AM29F002BT-70EC, AM29F002BT-70EI, AM29F002BT-90EC, AM29F002BT-90EE, AM29F002BT-90EI



**AM29F002NBB [ DIP 32 ]**

**Manufacturer:** AMD

**Required Adapter:** None

**Variants:** AM29F002NBB-120PC, AM29F002NBB-120PE, AM29F002NBB-120PI, AM29F002NBB-55PC, AM29F002NBB-70PC, AM29F002NBB-70PI, AM29F002NBB-90PC, AM29F002NBB-90PE, AM29F002NBB-90PI

**AM29F002NBB [ PLCC 32 ]**

**Manufacturer:** AMD

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** AM29F002NBB-120JC, AM29F002NBB-120JE, AM29F002NBB-120JI, AM29F002NBB-55JC, AM29F002NBB-55JI, AM29F002NBB-70JC, AM29F002NBB-70JI, AM29F002NBB-90JC, AM29F002NBB-90JE, AM29F002NBB-90JI

**AM29F002NBB [ TSOP 32 (8x20mm) ]**

**Manufacturer:** AMD

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** AM29F002NBB-120EC, AM29F002NBB-120EE, AM29F002NBB-120EI, AM29F002NBB-55EC, AM29F002NBB-55EI, AM29F002NBB-70EC, AM29F002NBB-70EI, AM29F002NBB-90EC, AM29F002NBB-90EE, AM29F002NBB-90EI

**AM29F002NBT [ DIP 32 ]**

**Manufacturer:** AMD

**Required Adapter:** None

**Variants:** AM29F002NBT-120PC, AM29F002NBT-120PE, AM29F002NBT-120PI, AM29F002NBT-55PC, AM29F002NBT-70PC, AM29F002NBT-70PI, AM29F002NBT-90PC, AM29F002NBT-90PE, AM29F002NBT-90PI

**AM29F002NBT [ PLCC 32 ]**

**Manufacturer:** AMD

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** AM29F002NBT-120JC, AM29F002NBT-120JE, AM29F002NBT-120JI, AM29F002NBT-55JC, AM29F002NBT-55JI, AM29F002NBT-70JC, AM29F002NBT-70JI, AM29F002NBT-90JC, AM29F002NBT-90JE, AM29F002NBT-90JI

**AM29F002NBT [ TSOP 32 (8x20mm) ]**

**Manufacturer:** AMD

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** AM29F002NBT-120EC, AM29F002NBT-120EE, AM29F002NBT-120EI, AM29F002NBT-55EC, AM29F002NBT-55EI, AM29F002NBT-70EC, AM29F002NBT-70EI, AM29F002NBT-90EC, AM29F002NBT-90EE, AM29F002NBT-90EI

**AM29F004BB [ DIP 32 ]**

**Manufacturer:** AMD

**Required Adapter:** None

**Variants:** AM29F004BB-70PE, AM29F004BB-70PF, AM29F004BB-70PI, AM29F004BB-70PK, AM29F004BB-90PE, AM29F004BB-90PF, AM29F004BB-90PI, AM29F004BB-90PK

**AM29F004BB [ PLCC 32 ]**

**Manufacturer:** AMD

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** AM29F004BB-70JE, AM29F004BB-70JF, AM29F004BB-70JI, AM29F004BB-70JK, AM29F004BB-90JE, AM29F004BB-90JF, AM29F004BB-90JI, AM29F004BB-90JK

**AM29F004BB [ TSOP 32 (8x20mm) ]**

**Manufacturer:** AMD

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** AM29F004BB-70EE, AM29F004BB-70EF, AM29F004BB-70EI, AM29F004BB-70EK, AM29F004BB-90EE, AM29F004BB-90EF, AM29F004BB-90EI, AM29F004BB-90EK

**AM29F004BT [ DIP 32 ]**

**Manufacturer:** AMD

**Required Adapter:** None

**Variants:** AM29F004BT-70PE, AM29F004BT-70PF, AM29F004BT-70PI, AM29F004BT-70PK, AM29F004BT-90PE, AM29F004BT-90PF, AM29F004BT-90PI, AM29F004BT-90PK

**AM29F004BT [ PLCC 32 ]**

**Manufacturer:** AMD

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** AM29F004BT-70JE, AM29F004BT-70JF, AM29F004BT-70JI, AM29F004BT-70JK, AM29F004BT-90JE, AM29F004BT-90JF, AM29F004BT-90JI, AM29F004BT-90JK

**AM29F004BT [ TSOP 32 (8x20mm) ]**

**Manufacturer:** AMD

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** AM29F004BT-70EE, AM29F004BT-70EF, AM29F004BT-70EI, AM29F004BT-70EK, AM29F004BT-90EE, AM29F004BT-90EF, AM29F004BT-90EI, AM29F004BT-90EK

**AM29F010 [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM29F010-120PC, AM29F010-120PCB, AM29F010-120PE, AM29F010-120PEB, AM29F010-120PI, AM29F010-120PIB, AM29F010-55PC, AM29F010-55PI, AM29F010-70PC, AM29F010-70PCB, AM29F010-70PE, AM29F010-70PEB, AM29F010-70PI, AM29F010-70PIB, AM29F010-90PC, AM29F010-90PCB, AM29F010-90PE, AM29F010-90PEB, AM29F010-90PI, AM29F010-90PIB**AM29F010 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM29F010-120JC, AM29F010-120JCB, AM29F010-120JE, AM29F010-120JEB, AM29F010-120JI, AM29F010-120JIB, AM29F010-45JC, AM29F010-45JCB, AM29F010-45JE, AM29F010-45JEB, AM29F010-45JI, AM29F010-45JIB, AM29F010-55JC, AM29F010-55JCB, AM29F010-55JE, AM29F010-55JEB, AM29F010-55JI, AM29F010-55JIB, AM29F010-70JC, AM29F010-70JCB, AM29F010-70JE, AM29F010-70JEB, AM29F010-70JI, AM29F010-70JIB, AM29F010-90JC, AM29F010-90JCB, AM29F010-90JE, AM29F010-90JEB, AM29F010-90JI, AM29F010-90JIB**AM29F010 [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM29F010-120EC, AM29F010-120ECB, AM29F010-120EE, AM29F010-120EEB, AM29F010-120EI, AM29F010-120EIB, AM29F010-45EC, AM29F010-45ECB, AM29F010-45EI, AM29F010-45EIB, AM29F010-70EC, AM29F010-70ECB, AM29F010-70EE, AM29F010-70EEB, AM29F010-70EI, AM29F010-70EIB, AM29F010-90EC, AM29F010-90ECB, AM29F010-90EE, AM29F010-90EEB, AM29F010-90EI, AM29F010-90EIB**AM29F010B (no un/protect) [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM29F010B-120PC, AM29F010B-120PCB, AM29F010B-120PE, AM29F010B-120PEB, AM29F010B-120PI, AM29F010B-120PIB, AM29F010B-45PC, AM29F010B-45PCB, AM29F010B-45PE, AM29F010B-45PEB, AM29F010B-45PI, AM29F010B-45PIB, AM29F010B-55PC, AM29F010B-55PCB, AM29F010B-55PE, AM29F010B-55PEB, AM29F010B-55PI, AM29F010B-55PIB, AM29F010B-70PC, AM29F010B-70PCB, AM29F010B-70PE, AM29F010B-70PEB, AM29F010B-70PI, AM29F010B-70PIB, AM29F010B-90PC, AM29F010B-90PCB, AM29F010B-90PE, AM29F010B-90PEB, AM29F010B-90PI, AM29F010B-90PIB**AM29F010B (no un/protect) [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM29F010B-120JC, AM29F010B-120JCB, AM29F010B-120JE, AM29F010B-120JEB, AM29F010B-120JI, AM29F010B-120JIB, AM29F010B-45JC, AM29F010B-45JCB, AM29F010B-45JE, AM29F010B-45JEB, AM29F010B-45JI, AM29F010B-45JIB, AM29F010B-55JC, AM29F010B-55JCB, AM29F010B-55JE, AM29F010B-55JEB, AM29F010B-55JI, AM29F010B-55JIB, AM29F010B-70JC, AM29F010B-70JCB, AM29F010B-70JE, AM29F010B-70JEB, AM29F010B-70JI, AM29F010B-70JIB, AM29F010B-90JC, AM29F010B-90JCB, AM29F010B-90JE, AM29F010B-90JEB, AM29F010B-90JI, AM29F010B-90JIB**AM29F010B (no un/protect) [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM29F010B-120EC, AM29F010B-120ECB, AM29F010B-120EE, AM29F010B-120EEB, AM29F010B-120EI, AM29F010B-120EIB, AM29F010B-45EC, AM29F010B-45ECB, AM29F010B-45EI, AM29F010B-45EIB, AM29F010B-70EC, AM29F010B-70ECB, AM29F010B-70EE, AM29F010B-70EEB, AM29F010B-70EI, AM29F010B-70EIB, AM29F010B-90EC, AM29F010B-90ECB, AM29F010B-90EE, AM29F010B-90EEB, AM29F010B-90EI, AM29F010B-90EIB**AM29F040 [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM29F040-120PC, AM29F040-120PCB, AM29F040-120PE, AM29F040-120PEB, AM29F040-120PI, AM29F040-120PIB, AM29F040-150PC, AM29F040-150PCB, AM29F040-150PE, AM29F040-150PEB, AM29F040-150PI, AM29F040-150PIB, AM29F040-90PC, AM29F040-90PCB, AM29F040-90PE, AM29F040-90PEB, AM29F040-90PI, AM29F040-90PIB**AM29F040 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM29F040-120JC, AM29F040-120JCB, AM29F040-120JE, AM29F040-120JEB, AM29F040-120JI, AM29F040-120JIB, AM29F040-150JC, AM29F040-150JCB, AM29F040-150JE, AM29F040-150JEB, AM29F040-150JI, AM29F040-150JIB, AM29F040-55JC, AM29F040-55JCB, AM29F040-55JE, AM29F040-55JEB, AM29F040-55JI, AM29F040-55JIB, AM29F040-70JC, AM29F040-70JCB, AM29F040-70JE, AM29F040-70JEB, AM29F040-70JI, AM29F040-70JIB, AM29F040-90JC, AM29F040-90JCB, AM29F040-90JE, AM29F040-90JEB, AM29F040-90JI, AM29F040-90JIB**AM29F040 [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM29F040-120EC, AM29F040-120ECB, AM29F040-120EE, AM29F040-120EEB, AM29F040-120EI, AM29F040-120EIB, AM29F040-150EC, AM29F040-150ECB, AM29F040-150EE, AM29F040-150EEB, AM29F040-150EI, AM29F040-150EIB, AM29F040-55EC, AM29F040-55ECB, AM29F040-55EE, AM29F040-55EEB, AM29F040-55EI, AM29F040-55EIB, AM29F040-70EC, AM29F040-70ECB, AM29F040-70EE, AM29F040-70EEB, AM29F040-70EI, AM29F040-70EIB, AM29F040-90EC, AM29F040-90ECB, AM29F040-90EE, AM29F040-90EEB, AM29F040-90EI, AM29F040-90EIB

**AM29F040B (no un/protect) [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM29F040B-120PC, AM29F040B-120PD, AM29F040B-120PE, AM29F040B-120PF, AM29F040B-120PI, AM29F040B-120PK, AM29F040B-150PC, AM29F040B-150PD, AM29F040B-150PE, AM29F040B-150PF, AM29F040B-150PI, AM29F040B-150PK, AM29F040B-55PC, AM29F040B-55PD, AM29F040B-55PE, AM29F040B-55PF, AM29F040B-55PI, AM29F040B-55PK, AM29F040B-70PC, AM29F040B-70PD, AM29F040B-70PE, AM29F040B-70PF, AM29F040B-70PI, AM29F040B-70PK, AM29F040B-90PC, AM29F040B-90PD, AM29F040B-90PE, AM29F040B-90PF, AM29F040B-90PI, AM29F040B-90PK**AM29F040B (no un/protect) [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM29F040B-120JC, AM29F040B-120JD, AM29F040B-120JE, AM29F040B-120JF, AM29F040B-120JI, AM29F040B-120JK, AM29F040B-150JC, AM29F040B-150JD, AM29F040B-150JE, AM29F040B-150JF, AM29F040B-150JI, AM29F040B-150JK, AM29F040B-55JC, AM29F040B-55JD, AM29F040B-55JE, AM29F040B-55JF, AM29F040B-55JI, AM29F040B-55JK, AM29F040B-70JC, AM29F040B-70JD, AM29F040B-70JE, AM29F040B-70JF, AM29F040B-70JI, AM29F040B-70JK, AM29F040B-90JC, AM29F040B-90JD, AM29F040B-90JE, AM29F040B-90JF, AM29F040B-90JI, AM29F040B-90JK**AM29F040B (no un/protect) [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM29F040B-120EC, AM29F040B-120ED, AM29F040B-120EE, AM29F040B-120EF, AM29F040B-120EI, AM29F040B-120EK, AM29F040B-150EC, AM29F040B-150ED, AM29F040B-150EE, AM29F040B-150EF, AM29F040B-150EI, AM29F040B-150EK, AM29F040B-55EC, AM29F040B-55ED, AM29F040B-55EE, AM29F040B-55EF, AM29F040B-55EI, AM29F040B-55EK, AM29F040B-70EC, AM29F040B-70ED, AM29F040B-70EE, AM29F040B-70EF, AM29F040B-70EI, AM29F040B-70EK, AM29F040B-90EC, AM29F040B-90ED, AM29F040B-90EE, AM29F040B-90EF, AM29F040B-90EI, AM29F040B-90EK**AM9716 (read only) [ DIP 24 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM9716-1DC, AM9716-1DCB, AM9716-1DI, AM9716-1DL, AM9716-1DLB, AM9716-2DC, AM9716DC, AM9716DI, AM9716DL, AM9716DM

## AMIC Technology

### A27020 [ DIP 32 ]

**Manufacturer:** AMIC Technology  
**Required Adapter:** None  
**Variants:** A27020-55, A27020-70

### A27020 [ PLCC 32 ]

**Manufacturer:** AMIC Technology  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** A27020L-55, A27020L-70

### A27020A [ DIP 32 ]

**Manufacturer:** AMIC Technology  
**Required Adapter:** None  
**Variants:** A27020A-55, A27020A-55F, A27020A-70, A27020A-70F

### A27020A [ PLCC 32 ]

**Manufacturer:** AMIC Technology  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** A27020AL-55, A27020AL-55F, A27020AL-70, A27020AL-70F

### A278308 [ DIP 32 ]

**Manufacturer:** AMIC Technology  
**Required Adapter:** None  
**Variants:** A278308-55, A278308-70

### A278308 [ PLCC 32 ]

**Manufacturer:** AMIC Technology  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** A278308L-55, A278308L-70

### A290011T [ DIP 32 ]

**Manufacturer:** AMIC Technology  
**Required Adapter:** None  
**Variants:** A290011T-55, A290011T-70, A290011T-90

### A290011T [ PLCC 32 ]

**Manufacturer:** AMIC Technology  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** A290011TL-55, A290011TL-70, A290011TL-90

### A290011T [ TSOP 32 (8x20mm) ]

**Manufacturer:** AMIC Technology  
**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)  
**Variants:** A290011TV-55, A290011TV-70, A290011TV-90

### A290011U [ DIP 32 ]

**Manufacturer:** AMIC Technology  
**Required Adapter:** None  
**Variants:** A290011U-55, A290011U-70, A290011U-90

### A290011U [ PLCC 32 ]

**Manufacturer:** AMIC Technology  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** A290011UL-55, A290011UL-70, A290011UL-90

### A290011U [ TSOP 32 (8x20mm) ]

**Manufacturer:** AMIC Technology  
**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)  
**Variants:** A290011UV-55, A290011UV-70, A290011UV-90

### A29001T [ DIP 32 ]

**Manufacturer:** AMIC Technology  
**Required Adapter:** None  
**Variants:** A29001T-55, A29001T-70, A29001T-90

### A29001T [ PLCC 32 ]

**Manufacturer:** AMIC Technology  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** A29001TL-55, A29001TL-70, A29001TL-90

**A29001T [ TSOP 32 (8x20mm) ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** A29001TV-55, A29001TV-70, A29001TV-90

**A29001U [ DIP 32 ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** None

**Variants:** A29001U-55, A29001U-70, A29001U-90

**A29001U [ PLCC 32 ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** A29001UL-55, A29001UL-70, A29001UL-90

**A29001U [ TSOP 32 (8x20mm) ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** A29001UV-55, A29001UV-70, A29001UV-90

**A290021T [ DIP 32 ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** None

**Variants:** A290021T-120, A290021T-150, A290021T-55, A290021T-70, A290021T-90

**A290021T [ PLCC 32 ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** A290021TL-120, A290021TL-150, A290021TL-55, A290021TL-70, A290021TL-90

**A290021T [ TSOP 32 (8x20mm) ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** A290021TV-120, A290021TV-150, A290021TV-55, A290021TV-70, A290021TV-90

**A290021U (Read only) [ DIP 32 ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** None

**Variants:** A290021U-120, A290021U-150, A290021U-55, A290021U-70, A290021U-90

**A290021U (Read only) [ PLCC 32 ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** A290021UL-120, A290021UL-150, A290021UL-55, A290021UL-70, A290021UL-90

**A290021U (Read only) [ TSOP 32 (8x20mm) ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** A290021UV-120, A290021UV-150, A290021UV-55, A290021UV-70, A290021UV-90

**A29002T [ DIP 32 ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** None

**Variants:** A29002T-120, A29002T-150, A29002T-55, A29002T-70, A29002T-90

**A29002T [ PLCC 32 ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** A29002TL-120, A29002TL-150, A29002TL-55, A29002TL-70, A29002TL-90

**A29002T [ TSOP 32 (8x20mm) ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** A29002TV-120, A29002TV-150, A29002TV-55, A29002TV-70, A29002TV-90

**A29002U [ DIP 32 ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** None

**Variants:** A29002U-120, A29002U-150, A29002U-55, A29002U-70, A29002U-90

**A29002U [ PLCC 32 ]**

Manufacturer: AMIC Technology

Required Adapter: [PLCC32-DIP32](#)

Variants: A29002UL-120, A29002UL-150, A29002UL-55, A29002UL-70, A29002UL-90

**A29002U [ TSOP 32 (8x20mm) ]**

Manufacturer: AMIC Technology

Required Adapter: [TSOP32\(8x20mm\)-DIP32](#)

Variants: A29002UV-120, A29002UV-150, A29002UV-55, A29002UV-70, A29002UV-90

**A29010 (no un/protect) [ DIP 32 ]**

Manufacturer: AMIC Technology

Required Adapter: None

Variants: A29010-120, A29010-150, A29010-55, A29010-70, A29010-90

**A29010 (no un/protect) [ PLCC 32 ]**

Manufacturer: AMIC Technology

Required Adapter: [PLCC32-DIP32](#)

Variants: A29010L-120, A29010L-150, A29010L-55, A29010L-70, A29010L-90

**A29010 (no un/protect) [ TSOP 32 (8x20mm) ]**

Manufacturer: AMIC Technology

Required Adapter: [TSOP32\(8x20mm\)-DIP32](#)

Variants: A29010V-120, A29010V-150, A29010V-55, A29010V-70, A29010V-90

**A29010A (no un/protect) [ DIP 32 ]**

Manufacturer: AMIC Technology

Required Adapter: None

Variants: A29010A-120, A29010A-150, A29010A-55, A29010A-70, A29010A-90

**A29010A (no un/protect) [ PLCC 32 ]**

Manufacturer: AMIC Technology

Required Adapter: [PLCC32-DIP32](#)

Variants: A29010AL-120, A29010AL-150, A29010AL-55, A29010AL-70, A29010AL-90

**A29010A (no un/protect) [ TSOP 32 (8x20mm) ]**

Manufacturer: AMIC Technology

Required Adapter: [TSOP32\(8x20mm\)-DIP32](#)

Variants: A29010AV-120, A29010AV-150, A29010AV-55, A29010AV-70, A29010AV-90

**A29040 [ DIP 32 ]**

Manufacturer: AMIC Technology

Required Adapter: None

Variants: A29040-120, A29040-150, A29040-55, A29040-70, A29040-90

**A29040 [ PLCC 32 ]**

Manufacturer: AMIC Technology

Required Adapter: [PLCC32-DIP32](#)

Variants: A29040L-120, A29040L-150, A29040L-55, A29040L-70, A29040L-90

**A29040 [ TSOP 32 (8x20mm) ]**

Manufacturer: AMIC Technology

Required Adapter: [TSOP32\(8x20mm\)-DIP32](#)

Variants: A29040V-120, A29040V-150, A29040V-55, A29040V-70, A29040V-90

**A29040A [ DIP 32 ]**

Manufacturer: AMIC Technology

Required Adapter: None

Variants: A29040A-55, A29040A-70, A29040A-90

**A29040A [ PLCC 32 ]**

Manufacturer: AMIC Technology

Required Adapter: [PLCC32-DIP32](#)

Variants: A29040AL-55, A29040AL-70, A29040AL-90

**A29040A [ TSOP 32 (8x20mm) ]**

Manufacturer: AMIC Technology

Required Adapter: [TSOP32\(8x20mm\)-DIP32](#)

Variants: A29040AV-55, A29040AV-70, A29040AV-90

**A29040B [ DIP 32 ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** None

**Variants:** A29040B-55, A29040B-55F, A29040B-55U, A29040B-55UF, A29040B-70, A29040B-70F, A29040B-70U, A29040B-70UF

**A29040B [ PLCC 32 ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** A29040BL-55, A29040BL-55F, A29040BL-55U, A29040BL-55UF, A29040BL-70, A29040BL-70F, A29040BL-70U, A29040BL-70UF

**A29040B [ TSOP 32 (8x20mm) ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** A29040BV-55, A29040BV-55F, A29040BV-55U, A29040BV-55UF, A29040BV-70, A29040BV-70F, A29040BV-70U, A29040BV-70UF

**A29040C [ DIP 32 ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** None

**Variants:** A29040C-55, A29040C-55F, A29040C-55U, A29040C-55UF, A29040C-70, A29040C-70F, A29040C-70U, A29040C-70UF

**A29040C [ PLCC 32 ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** A29040CL-55, A29040CL-55F, A29040CL-55U, A29040CL-55UF, A29040CL-70, A29040CL-70F, A29040CL-70U, A29040CL-70UF

**A29040C [ TSOP 32 (8x20mm) ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** A29040CV-55, A29040CV-55F, A29040CV-55U, A29040CV-55UF, A29040CV-70, A29040CV-70F, A29040CV-70U, A29040CV-70UF

## ASD

### **AE29F1008 [ DIP 32 ]**

**Manufacturer:** ASD

**Required Adapter:** None

**Variants:** AE29F1008-12, AE29F1008-15

### **AE29F1008 [ PLCC 32 ]**

**Manufacturer:** ASD

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** AE29F1008-12, AE29F1008-15

### **AE29F2008 [ DIP 32 ]**

**Manufacturer:** ASD

**Required Adapter:** None

**Variants:** AE29F2008-12, AE29F2008-15

### **AE29F2008 [ PLCC 32 ]**

**Manufacturer:** ASD

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** AE29F2008-12, AE29F2008-15



## ASI (Austin Semiconductor Inc.)

### **AS27C010A [ DIP 32 ]**

**Manufacturer:** ASI (Austin Semiconductor Inc.)

**Required Adapter:** None

**Variants:** AS27C010A-12ECAM, AS27C010A-15ECAM, AS27C010A-20ECAM

### **SMJ27C010A [ DIP 32 ]**

**Manufacturer:** ASI (Austin Semiconductor Inc.)

**Required Adapter:** None

**Variants:** SMJ27C010A-12JM, SMJ27C010A-15JM, SMJ27C010A-20JM

### **SMJ27C040 [ DIP 32 ]**

**Manufacturer:** ASI (Austin Semiconductor Inc.)

**Required Adapter:** None

**Variants:** SMJ27C040-12J, SMJ27C040-12JM, SMJ27C040-15J, SMJ27C040-15JM

### **SMJ27C256 [ DIP 28 ]**

**Manufacturer:** ASI (Austin Semiconductor Inc.)

**Required Adapter:** None

**Variants:** SMJ27C256-15, SMJ27C256-17, SMJ27C256-20, SMJ27C256-25, SMJ27C256-30

### **SMJ27C512 [ DIP 28 ]**

**Manufacturer:** ASI (Austin Semiconductor Inc.)

**Required Adapter:** None

**Variants:** SMJ27C512-15J, SMJ27C512-15JM, SMJ27C512-20J, SMJ27C512-20JM, SMJ27C512-25J, SMJ27C512-25JM

## Atmel

### AT27C010 [ DIP 32 ]

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT27C010-12PA, AT27C010-12PC, AT27C010-12PI, AT27C010-15PA, AT27C010-15PC, AT27C010-15PI, AT27C010-45PC, AT27C010-45PI, AT27C010-45PU, AT27C010-55PC, AT27C010-55PI, AT27C010-70PC, AT27C010-70PI, AT27C010-70PU, AT27C010-90PA, AT27C010-90PC, AT27C010-90PI

### AT27C010 [ PLCC 32 ]

**Manufacturer:** Atmel

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** AT27C010-12JA, AT27C010-12JC, AT27C010-12JI, AT27C010-15JA, AT27C010-15JC, AT27C010-15JI, AT27C010-45JC, AT27C010-45JI, AT27C010-45JU, AT27C010-55JC, AT27C010-55JI, AT27C010-70JC, AT27C010-70JI, AT27C010-70JU, AT27C010-90JA, AT27C010-90JC, AT27C010-90JI

### AT27C010 [ TSOP 32 (8x20mm) ]

**Manufacturer:** Atmel

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** AT27C010-12TC, AT27C010-12TI, AT27C010-15TC, AT27C010-15TI, AT27C010-45TC, AT27C010-45TI, AT27C010-45TU, AT27C010-55TC, AT27C010-55TI, AT27C010-70TC, AT27C010-70TI, AT27C010-70TU, AT27C010-90TC, AT27C010-90TI

### AT27C010L [ DIP 32 ]

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT27C010L-12PA, AT27C010L-12PC, AT27C010L-12PI, AT27C010L-15PA, AT27C010L-15PC, AT27C010L-15PI, AT27C010L-45PC, AT27C010L-45PI, AT27C010L-45PU, AT27C010L-55PC, AT27C010L-55PI, AT27C010L-70PC, AT27C010L-70PI, AT27C010L-70PU, AT27C010L-90PA, AT27C010L-90PC, AT27C010L-90PI

### AT27C010L [ PLCC 32 ]

**Manufacturer:** Atmel

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** AT27C010L-12JA, AT27C010L-12JC, AT27C010L-12JI, AT27C010L-15JA, AT27C010L-15JC, AT27C010L-15JI, AT27C010L-45JC, AT27C010L-45JI, AT27C010L-45JU, AT27C010L-55JC, AT27C010L-55JI, AT27C010L-70JC, AT27C010L-70JI, AT27C010L-70JU, AT27C010L-90JA, AT27C010L-90JC, AT27C010L-90JI

### AT27C010L [ TSOP 32 (8x20mm) ]

**Manufacturer:** Atmel

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** AT27C010L-12TC, AT27C010L-12TI, AT27C010L-15TC, AT27C010L-15TI, AT27C010L-45TC, AT27C010L-45TI, AT27C010L-45TU, AT27C010L-55TC, AT27C010L-55TI, AT27C010L-70TC, AT27C010L-70TI, AT27C010L-70TU, AT27C010L-90TC, AT27C010L-90TI

### AT27C020 [ DIP 32 ]

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT27C020-12PC, AT27C020-12PI, AT27C020-15PC, AT27C020-15PI, AT27C020-55PC, AT27C020-55PI, AT27C020-55PU, AT27C020-70PC, AT27C020-70PI, AT27C020-90PC, AT27C020-90PI, AT27C020-90PU

### AT27C020 [ PLCC 32 ]

**Manufacturer:** Atmel

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** AT27C020-12JC, AT27C020-12JI, AT27C020-15JC, AT27C020-15JI, AT27C020-55JC, AT27C020-55JI, AT27C020-55JU, AT27C020-70JC, AT27C020-70JI, AT27C020-90JC, AT27C020-90JI, AT27C020-90JU

### AT27C020 [ SOIC 32 (450mil) ]

**Manufacturer:** Atmel

**Required Adapter:** [SOIC32\(450mil\)-DIP32](#)

**Variants:** AT27C020-12RC, AT27C020-12RI, AT27C020-15RC, AT27C020-15RI, AT27C020-55RC, AT27C020-55RI, AT27C020-70RC, AT27C020-70RI, AT27C020-90RC, AT27C020-90RI

### AT27C020 [ TSOP 32 (8x20mm) ]

**Manufacturer:** Atmel

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** AT27C020-12TC, AT27C020-12TI, AT27C020-15TC, AT27C020-15TI, AT27C020-55TC, AT27C020-55TI, AT27C020-55TU, AT27C020-70TC, AT27C020-70TI, AT27C020-90TC, AT27C020-90TI, AT27C020-90TU

### AT27C040 [ DIP 32 ]

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT27C040-12PC, AT27C040-12PI, AT27C040-15PC, AT27C040-15PI, AT27C040-70PC, AT27C040-70PI, AT27C040-70PU, AT27C040-90PC, AT27C040-90PI, AT27C040-90PU

**AT27C040 [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AT27C040-12JC, AT27C040-12JI, AT27C040-15JC, AT27C040-15JI, AT27C040-70JC, AT27C040-70JI, AT27C040-70JU, AT27C040-90JC, AT27C040-90JI, AT27C040-90JU**AT27C040 [ SOIC 32 (450mil) ]****Manufacturer:** Atmel**Required Adapter:** [SOIC32\(450mil\)-DIP32](#)**Variants:** AT27C040-12RC, AT27C040-12RI, AT27C040-15RC, AT27C040-15RI, AT27C040-70RC, AT27C040-70RI, AT27C040-90RC, AT27C040-90RI**AT27C040 [ TSOP 32 (8x20mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AT27C040-12TC, AT27C040-12TI, AT27C040-15TC, AT27C040-15TI, AT27C040-70TC, AT27C040-70TI, AT27C040-70TU, AT27C040-90TC, AT27C040-90TI, AT27C040-90TU**AT27C080 [ DIP 32 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT27C080-10DC, AT27C080-10DI, AT27C080-10PC, AT27C080-10PI, AT27C080-12DC, AT27C080-12DI, AT27C080-12PC, AT27C080-12PI, AT27C080-15DC, AT27C080-15DI, AT27C080-15PC, AT27C080-15PI, AT27C080-90DC, AT27C080-90DI, AT27C080-90PC, AT27C080-90PI, AT27C080-90PU**AT27C080 [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AT27C080-10JC, AT27C080-10JI, AT27C080-12JC, AT27C080-12JI, AT27C080-15JC, AT27C080-15JI, AT27C080-90JC, AT27C080-90JI, AT27C080-90JU**AT27C080 [ SOIC 32 (450mil) ]****Manufacturer:** Atmel**Required Adapter:** [SOIC32\(450mil\)-DIP32](#)**Variants:** AT27C080-10RC, AT27C080-10RI, AT27C080-12RC, AT27C080-12RI, AT27C080-15RC, AT27C080-15RI, AT27C080-90RC, AT27C080-90RI**AT27C080 [ TSOP 32 (8x20mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AT27C080-10TC, AT27C080-10TI, AT27C080-12TC, AT27C080-12TI, AT27C080-15TC, AT27C080-15TI, AT27C080-90TC, AT27C080-90TI, AT27C080-90TU**AT27C256R [ DIP 28 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT27C256R-12PA, AT27C256R-12PC, AT27C256R-12PI, AT27C256R-15PA, AT27C256R-15PC, AT27C256R-15PI, AT27C256R-45PI, AT27C256R-45PU, AT27C256R-55PC, AT27C256R-55PI, AT27C256R-70PA, AT27C256R-70PI, AT27C256R-70PU, AT27C256R-90PA, AT27C256R-90PC, AT27C256R-90PI**AT27C256R [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP28](#)**Variants:** AT27C256R-12JA, AT27C256R-12JC, AT27C256R-12JI, AT27C256R-15JA, AT27C256R-15JC, AT27C256R-15JI, AT27C256R-45JI, AT27C256R-45JU, AT27C256R-55JC, AT27C256R-55JI, AT27C256R-70JA, AT27C256R-70JI, AT27C256R-70JU, AT27C256R-90JA, AT27C256R-90JC, AT27C256R-90JI**AT27C256R [ SOIC 28 (300mil) ]****Manufacturer:** Atmel**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** AT27C256R-12RA, AT27C256R-12RC, AT27C256R-12RI, AT27C256R-15RA, AT27C256R-15RC, AT27C256R-15RI, AT27C256R-45RI, AT27C256R-45RU, AT27C256R-55RC, AT27C256R-55RI, AT27C256R-70RA, AT27C256R-70RI, AT27C256R-70RU, AT27C256R-90RA, AT27C256R-90RC, AT27C256R-90RI**AT27C256R [ TSOP 28 (8x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** AT27C256R-12TC, AT27C256R-12TI, AT27C256R-15TC, AT27C256R-15TI, AT27C256R-45TI, AT27C256R-45TU, AT27C256R-55TC, AT27C256R-55TI, AT27C256R-70TI, AT27C256R-70TU, AT27C256R-90TC, AT27C256R-90TI

**AT27C512 [ DIP 28 ]****Manufacturer:** Atmel**Required Adapter:** None

**Variants:** AT27C512-12DC, AT27C512-12DC/883, AT27C512-12DC1, AT27C512-12DC1B, AT27C512-12DC2, AT27C512-12DC2/883, AT27C512-12DC2B, AT27C512-12DI1, AT27C512-12DI1/883, AT27C512-12DI1B, AT27C512-12DI2, AT27C512-12DI2/883, AT27C512-12DI2B, AT27C512-12DM1, AT27C512-12DM1/883, AT27C512-12DM1B, AT27C512-12DM2, AT27C512-12DM2/883, AT27C512-12DM2B, AT27C512-12PC, AT27C512-12PC/883, AT27C512-12PC1, AT27C512-12PC1B, AT27C512-12PC2, AT27C512-12PC2/883, AT27C512-12PC2B, AT27C512-12PI1, AT27C512-12PI1/883, AT27C512-12PI1B, AT27C512-12PI2, AT27C512-12PI2/883, AT27C512-12PI2B, AT27C512-12PM1, AT27C512-12PM1/883, AT27C512-12PM1B, AT27C512-12PM2, AT27C512-12PM2/883, AT27C512-12PM2B, AT27C512-15DC, AT27C512-15DC/883, AT27C512-15DC1, AT27C512-15DC1B, AT27C512-15DC2, AT27C512-15DC2/883, AT27C512-15DC2B, AT27C512-15DI, AT27C512-15DI1, AT27C512-15DI1/883, AT27C512-15DI1B, AT27C512-15DI2, AT27C512-15DI2/883, AT27C512-15DI2B, AT27C512-15DM, AT27C512-15DM1, AT27C512-15DM1/883, AT27C512-15DM1B, AT27C512-15DM2, AT27C512-15DM2/883, AT27C512-15DM2B, AT27C512-15PC, AT27C512-15PC/883, AT27C512-15PC1, AT27C512-15PC1B, AT27C512-15PC2, AT27C512-15PC2/883, AT27C512-15PC2B, AT27C512-15PI, AT27C512-15PI1, AT27C512-15PI1/883, AT27C512-15PI1B, AT27C512-15PI2, AT27C512-15PI2/883, AT27C512-15PI2B, AT27C512-15PM, AT27C512-15PM1, AT27C512-15PM1/883, AT27C512-15PM1B, AT27C512-15PM2, AT27C512-15PM2/883, AT27C512-17DC, AT27C512-17DC/883, AT27C512-17DC1, AT27C512-17DC1B, AT27C512-17DC2, AT27C512-17DC2/883, AT27C512-17DC2B, AT27C512-17DI, AT27C512-17DI1, AT27C512-17DI1/883, AT27C512-17DI1B, AT27C512-17DI2, AT27C512-17DI2/883, AT27C512-17DI2B, AT27C512-17DM, AT27C512-17DM1, AT27C512-17DM1/883, AT27C512-17DM1B, AT27C512-17DM2, AT27C512-17DM2/883, AT27C512-17DM2B, AT27C512-17PC, AT27C512-17PC/883, AT27C512-17PC1, AT27C512-17PC1B, AT27C512-17PC2, AT27C512-17PC2/883, AT27C512-17PC2B, AT27C512-17PI, AT27C512-17PI1, AT27C512-17PI1/883, AT27C512-17PI1B, AT27C512-17PI2, AT27C512-17PI2/883, AT27C512-17PI2B, AT27C512-17PM, AT27C512-17PM1, AT27C512-17PM1/883, AT27C512-17PM1B, AT27C512-17PM2, AT27C512-17PM2/883, AT27C512-17PM2B, AT27C512-20DC, AT27C512-20DC/883, AT27C512-20DC1, AT27C512-20DC1B, AT27C512-20DC2, AT27C512-20DC2/883, AT27C512-20DC2B, AT27C512-20DI, AT27C512-20DI1, AT27C512-20DI1/883, AT27C512-20DI1B, AT27C512-20DI2, AT27C512-20DI2/883, AT27C512-20DI2B, AT27C512-20DM, AT27C512-20DM1, AT27C512-20DM1/883, AT27C512-20DM1B, AT27C512-20DM2, AT27C512-20DM2/883, AT27C512-20DM2B, AT27C512-20PC, AT27C512-20PC/883, AT27C512-20PC1, AT27C512-20PC1B, AT27C512-20PC2, AT27C512-20PC2/883, AT27C512-20PC2B, AT27C512-20PI, AT27C512-20PI1, AT27C512-20PI1/883, AT27C512-20PI1B, AT27C512-20PI2, AT27C512-20PI2/883, AT27C512-20PI2B, AT27C512-20PM, AT27C512-20PM1, AT27C512-20PM1/883, AT27C512-20PM1B, AT27C512-20PM2, AT27C512-20PM2/883, AT27C512-20PM2B, AT27C512-25DC, AT27C512-25DC/883, AT27C512-25DC1, AT27C512-25DC1B, AT27C512-25DC2, AT27C512-25DC2/883, AT27C512-25DC2B, AT27C512-25DI, AT27C512-25DI1, AT27C512-25DI1/883, AT27C512-25DI1B, AT27C512-25DI2, AT27C512-25DI2/883, AT27C512-25DI2B, AT27C512-25DM, AT27C512-25DM1, AT27C512-25DM1/883, AT27C512-25DM1B, AT27C512-25DM2, AT27C512-25DM2/883, AT27C512-25DM2B, AT27C512-25PC, AT27C512-25PC/883, AT27C512-25PC1, AT27C512-25PC1B, AT27C512-25PC2, AT27C512-25PC2/883, AT27C512-25PC2B, AT27C512-25PI, AT27C512-25PI1, AT27C512-25PI1/883, AT27C512-25PI1B, AT27C512-25PI2, AT27C512-25PI2/883, AT27C512-25PI2B, AT27C512-25PM, AT27C512-25PM1, AT27C512-25PM1/883, AT27C512-25PM1B, AT27C512-25PM2, AT27C512-25PM2/883, AT27C512-25PM2B

**AT27C512 [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** AT27C512-12LC/883, AT27C512-12LC1, AT27C512-12LC1B, AT27C512-12LC2, AT27C512-12LC2/883, AT27C512-12LC2B, AT27C512-12LI1, AT27C512-12LI1/883, AT27C512-12LI1B, AT27C512-12LI2, AT27C512-12LI2/883, AT27C512-12LI2B, AT27C512-12LM1, AT27C512-12LM1/883, AT27C512-12LM1B, AT27C512-12LM2, AT27C512-12LM2/883, AT27C512-12LM2B, AT27C512-15LC/883, AT27C512-15LC1, AT27C512-15LC1B, AT27C512-15LC2, AT27C512-15LC2/883, AT27C512-15LC2B, AT27C512-15LI1, AT27C512-15LI1/883, AT27C512-15LI1B, AT27C512-15LI2, AT27C512-15LI2/883, AT27C512-15LI2B, AT27C512-15LM1, AT27C512-15LM1/883, AT27C512-15LM1B, AT27C512-15LM2, AT27C512-15LM2/883, AT27C512-15LM2B, AT27C512-17LC/883, AT27C512-17LC1, AT27C512-17LC1B, AT27C512-17LC2, AT27C512-17LC2/883, AT27C512-17LC2B, AT27C512-17LI1, AT27C512-17LI1/883, AT27C512-17LI1B, AT27C512-17LI2, AT27C512-17LI2/883, AT27C512-17LI2B, AT27C512-17LM1, AT27C512-17LM1/883, AT27C512-17LM1B, AT27C512-17LM2, AT27C512-17LM2/883, AT27C512-17LM2B, AT27C512-20LC/883, AT27C512-20LC1, AT27C512-20LC1B, AT27C512-20LC2, AT27C512-20LC2/883, AT27C512-20LC2B, AT27C512-20LI1, AT27C512-20LI1/883, AT27C512-20LI1B, AT27C512-20LI2, AT27C512-20LI2/883, AT27C512-20LI2B, AT27C512-20LM1, AT27C512-20LM1/883, AT27C512-20LM1B, AT27C512-20LM2, AT27C512-20LM2/883, AT27C512-20LM2B, AT27C512-25LC/883, AT27C512-25LC1, AT27C512-25LC1B, AT27C512-25LC2, AT27C512-25LC2/883, AT27C512-25LC2B, AT27C512-25LI1, AT27C512-25LI1/883, AT27C512-25LI1B, AT27C512-25LI2, AT27C512-25LI2/883, AT27C512-25LI2B, AT27C512-25LM1, AT27C512-25LM1/883, AT27C512-25LM1B, AT27C512-25LM2, AT27C512-25LM2/883, AT27C512-25LM2B

**AT27C512 [ SOIC 28 (300mil) ]****Manufacturer:** Atmel**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** AT27C512-12RA, AT27C512-12RC, AT27C512-12RI, AT27C512-15RA, AT27C512-15RC, AT27C512-15RI, AT27C512-45RI, AT27C512-45RU, AT27C512-55RC, AT27C512-55RI, AT27C512-70RA, AT27C512-70RI, AT27C512-70RU, AT27C512-90RA, AT27C512-90RC, AT27C512-90RI

**AT27C512 [ TSOP 28 (8x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)

**Variants:** AT27C512-12TC, AT27C512-12TI, AT27C512-15TC, AT27C512-15TI, AT27C512-45TI, AT27C512-45TU, AT27C512-55TC, AT27C512-55TI, AT27C512-70TI, AT27C512-70TU, AT27C512-90TC, AT27C512-90TI

**AT27C512R [ DIP 28 ]****Manufacturer:** Atmel**Required Adapter:** None

**Variants:** AT27C512R-12PA, AT27C512R-12PC, AT27C512R-12PI, AT27C512R-15PA, AT27C512R-15PC, AT27C512R-15PI, AT27C512R-45PI, AT27C512R-45PU, AT27C512R-55PC, AT27C512R-55PI, AT27C512R-70PA, AT27C512R-70PI, AT27C512R-70PU, AT27C512R-90PA, AT27C512R-90PC, AT27C512R-90PI

**AT27C512R [ PLCC 32 ]**

**Manufacturer:** Atmel

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** AT27C512R-12JA, AT27C512R-12JC, AT27C512R-12JI, AT27C512R-15JA, AT27C512R-15JC, AT27C512R-15JI, AT27C512R-45JI, AT27C512R-45JU, AT27C512R-55JC, AT27C512R-55JI, AT27C512R-70JA, AT27C512R-70JI, AT27C512R-70JU, AT27C512R-90JA, AT27C512R-90JC, AT27C512R-90JI

**AT28C010 [ DIP 32 ]**

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT28C010-12PC, AT28C010-12PI, AT28C010-15PC, AT28C010-15PI, AT28C010-20PC, AT28C010-20PI, AT28C010E-12PC, AT28C010E-12PI, AT28C010E-15PC, AT28C010E-15PI, AT28C010E-20PC, AT28C010E-20PI

**AT28C010 [ PLCC 32 ]**

**Manufacturer:** Atmel

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** AT28C010-12JC, AT28C010-12JI, AT28C010-15JC, AT28C010-15JI, AT28C010-20JC, AT28C010-20JI, AT28C010E-12JC, AT28C010E-12JI, AT28C010E-15JC, AT28C010E-15JI, AT28C010E-20JC, AT28C010E-20JI

**AT28C010 [ TSOP 32 (10x20mm) ]**

**Manufacturer:** Atmel

**Required Adapter:** [TSOP32\(10x20mm\)-DIP32](#)

**Variants:** AT28C010-12TC, AT28C010-12TI, AT28C010-15TC, AT28C010-15TI, AT28C010-20TC, AT28C010-20TI, AT28C010E-12TC, AT28C010E-12TI, AT28C010E-15TC, AT28C010E-15TI, AT28C010E-20TC, AT28C010E-20TI

**AT28C16 [ DIP 24 ]**

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT28C16-15PC, AT28C16-15PI, AT28C16E-15PC, AT28C16E-15PI

**AT28C16 [ PLCC 32 ]**

**Manufacturer:** Atmel

**Required Adapter:** [PLCC32-DIP24](#)

**Variants:** AT28C16-15JC, AT28C16-15JI, AT28C16E-15JC, AT28C16E-15JI

**AT28C16 [ SOIC 24 (300mil) ]**

**Manufacturer:** Atmel

**Required Adapter:** [SOIC24\(300mil\)-DIP24](#)

**Variants:** AT28C16-15SC, AT28C16-15SI, AT28C16E-15SC, AT28C16E-15SI

**AT28C17 [ DIP 28 ]**

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT28C17-15PC, AT28C17-15PI, AT28C17-25PC, AT28C17-25PI

**AT28C17 [ PLCC 32 ]**

**Manufacturer:** Atmel

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** AT28C17-15JC, AT28C17-15JI, AT28C17-25JC, AT28C17-25JI

**AT28C17 [ SOIC 28 (300mil) ]**

**Manufacturer:** Atmel

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** AT28C17-15SC, AT28C17-15SI, AT28C17-25SC, AT28C17-25SI

**AT28C256 [ DIP 28 ]**

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT28C256-15PC, AT28C256-15PI, AT28C256-15PU, AT28C256-20PC, AT28C256-20PI, AT28C256-25PC, AT28C256-25PI

**AT28C256 [ PLCC 32 ]**

**Manufacturer:** Atmel

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** AT28C256-15JC, AT28C256-15JI, AT28C256-15JU, AT28C256-20JC, AT28C256-20JI, AT28C256-25JC, AT28C256-25JI

**AT28C256 [ SOIC 28 (300mil) ]**

**Manufacturer:** Atmel

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** AT28C256-15SC, AT28C256-15SI, AT28C256-15SU, AT28C256-20SC, AT28C256-20SI, AT28C256-25SC, AT28C256-25SI

**AT28C256 [ TSOP 28 (8x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** AT28C256-15TC, AT28C256-15TI, AT28C256-15TU, AT28C256-20TC, AT28C256-20TI, AT28C256-25TC, AT28C256-25TI**AT28C256E [ DIP 28 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT28C256E-15PC, AT28C256E-15PI, AT28C256E-15PU, AT28C256E-20PC, AT28C256E-20PI, AT28C256E-25PC, AT28C256E-25PI**AT28C256E [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP28](#)**Variants:** AT28C256E-15JC, AT28C256E-15JI, AT28C256E-15JU, AT28C256E-20JC, AT28C256E-20JI, AT28C256E-25JC, AT28C256E-25JI**AT28C256E [ SOIC 28 (300mil) ]****Manufacturer:** Atmel**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** AT28C256E-15SC, AT28C256E-15SI, AT28C256E-15SU, AT28C256E-20SC, AT28C256E-20SI, AT28C256E-25SC, AT28C256E-25SI**AT28C256E [ TSOP 28 (8x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** AT28C256E-15TC, AT28C256E-15TI, AT28C256E-15TU, AT28C256E-20TC, AT28C256E-20TI, AT28C256E-25TC, AT28C256E-25TI**AT28C256F [ DIP 28 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT28C256F-15PC, AT28C256F-15PI, AT28C256F-15PU, AT28C256F-20PC, AT28C256F-20PI, AT28C256F-25PC, AT28C256F-25PI**AT28C256F [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP28](#)**Variants:** AT28C256F-15JC, AT28C256F-15JI, AT28C256F-15JU, AT28C256F-20JC, AT28C256F-20JI, AT28C256F-25JC, AT28C256F-25JI**AT28C256F [ SOIC 28 (300mil) ]****Manufacturer:** Atmel**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** AT28C256F-15SC, AT28C256F-15SI, AT28C256F-15SU, AT28C256F-20SC, AT28C256F-20SI, AT28C256F-25SC, AT28C256F-25SI**AT28C256F [ TSOP 28 (8x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** AT28C256F-15TC, AT28C256F-15TI, AT28C256F-15TU, AT28C256F-20TC, AT28C256F-20TI, AT28C256F-25TC, AT28C256F-25TI**AT28C64 [ DIP 28 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT28C64-12PC, AT28C64-12PI, AT28C64-15PC, AT28C64-15PI, AT28C64-20PC, AT28C64-20PI, AT28C64-25PC, AT28C64-25PI, AT28C64X-15PC, AT28C64X-15PI, AT28C64X-20PC, AT28C64X-20PI, AT28C64X-25PC, AT28C64X-25PI**AT28C64 [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP28](#)**Variants:** AT28C64-12JC, AT28C64-12JI, AT28C64-15JC, AT28C64-15JI, AT28C64-20JC, AT28C64-20JI, AT28C64-25JC, AT28C64-25JI, AT28C64X-15JC, AT28C64X-15JI, AT28C64X-20JC, AT28C64X-20JI, AT28C64X-25JC, AT28C64X-25JI**AT28C64 [ SOIC 28 (300mil) ]****Manufacturer:** Atmel**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** AT28C64-12SC, AT28C64-12SI, AT28C64-15SC, AT28C64-15SI, AT28C64-20SC, AT28C64-20SI, AT28C64-25SC, AT28C64-25SI, AT28C64X-15SC, AT28C64X-15SI, AT28C64X-20SC, AT28C64X-20SI, AT28C64X-25SC, AT28C64X-25SI

**AT28C64 [ TSOP 28 (8x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** AT28C64-12TC, AT28C64-12TI, AT28C64-15TC, AT28C64-15TI, AT28C64-20TC, AT28C64-20TI, AT28C64-25TC, AT28C64-25TI, AT28C64X-15TC, AT28C64X-15TI, AT28C64X-20TC, AT28C64X-20TI, AT28C64X-25TC, AT28C64X-25TI**AT28C64B [ DIP 28 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT28C64B-15PC, AT28C64B-15PI, AT28C64B-20PC, AT28C64B-20PI, AT28C64B-25PC, AT28C64B-25PI**AT28C64B [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP28](#)**Variants:** AT28C64B-15JC, AT28C64B-15JI, AT28C64B-20JC, AT28C64B-20JI, AT28C64B-25JC, AT28C64B-25JI**AT28C64B [ SOIC 28 (300mil) ]****Manufacturer:** Atmel**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** AT28C64B-15SC, AT28C64B-15SI, AT28C64B-20SC, AT28C64B-20SI, AT28C64B-25SC, AT28C64B-25SI**AT28C64B [ TSOP 28 (8x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** AT28C64B-15TC, AT28C64B-15TI, AT28C64B-20TC, AT28C64B-20TI, AT28C64B-25TC, AT28C64B-25TI**AT28C64E [ DIP 28 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT28C64E-12PC, AT28C64E-12PI, AT28C64E-15PC, AT28C64E-15PI, AT28C64E-20PC, AT28C64E-20PI, AT28C64E-25PC, AT28C64E-25PI**AT28C64E [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP28](#)**Variants:** AT28C64E-12JC, AT28C64E-12JI, AT28C64E-15JC, AT28C64E-15JI, AT28C64E-20JC, AT28C64E-20JI, AT28C64E-25JC, AT28C64E-25JI**AT28C64E [ SOIC 28 (300mil) ]****Manufacturer:** Atmel**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** AT28C64E-12SC, AT28C64E-12SI, AT28C64E-15SC, AT28C64E-15SI, AT28C64E-20SC, AT28C64E-20SI, AT28C64E-25SC, AT28C64E-25SI**AT28C64E [ TSOP 28 (8x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** AT28C64E-12TC, AT28C64E-12TI, AT28C64E-15TC, AT28C64E-15TI, AT28C64E-20TC, AT28C64E-20TI, AT28C64E-25TC, AT28C64E-25TI**AT28HC256 [ DIP 28 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT28HC256-12DM/883, AT28HC256-12PC, AT28HC256-12PI, AT28HC256-70PC, AT28HC256-70PI, AT28HC256-90DM/883, AT28HC256-90PC, AT28HC256-90PI, AT28HC256E-12DM/883, AT28HC256E-12PC, AT28HC256E-12PI, AT28HC256E-70PC, AT28HC256E-70PI, AT28HC256E-90DM/883, AT28HC256E-90PC, AT28HC256E-90PI, AT28HC256EF-12DM/883, AT28HC256EF-12PC, AT28HC256EF-12PI, AT28HC256EF-70PC, AT28HC256EF-70PI, AT28HC256EF-90DM/883, AT28HC256EF-90PC, AT28HC256EF-90PI, AT28HC256F-12DM/883, AT28HC256F-12PC, AT28HC256F-12PI, AT28HC256F-70PC, AT28HC256F-70PI, AT28HC256F-90DM/883, AT28HC256F-90PC, AT28HC256F-90PI**AT28HC256 [ PGA 28 ]****Manufacturer:** Atmel**Required Adapter:** [PGA28-DIP28](#)**Variants:** AT28HC256-12UM/883, AT28HC256-90UM/883, AT28HC256E-12UM/883, AT28HC256E-90UM/883, AT28HC256EF-12UM/883, AT28HC256EF-90UM/883, AT28HC256F-12UM/883, AT28HC256F-90UM/883**AT28HC256 [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP28](#)**Variants:** AT28HC256-12JC, AT28HC256-12JI, AT28HC256-70JC, AT28HC256-70JI, AT28HC256-90JC, AT28HC256-90JI, AT28HC256E-12JC, AT28HC256E-12JI, AT28HC256E-70JC, AT28HC256E-70JI, AT28HC256E-90JC, AT28HC256E-90JI, AT28HC256EF-12JC, AT28HC256EF-12JI, AT28HC256EF-70JC, AT28HC256EF-70JI, AT28HC256EF-90JC, AT28HC256EF-90JI, AT28HC256F-12JC, AT28HC256F-12JI, AT28HC256F-70JC, AT28HC256F-70JI, AT28HC256F-90JC, AT28HC256F-90JI

**AT28HC256 [ SOIC 28 (300mil) ]****Manufacturer:** Atmel**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** AT28HC256-12SC, AT28HC256-12SI, AT28HC256E-12SC, AT28HC256E-12SI, AT28HC256EF-12SC, AT28HC256EF-12SI, AT28HC256F-12SC, AT28HC256F-12SI**AT28HC256 [ TSOP 28 (8x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** AT28HC256-12TC, AT28HC256-12TI, AT28HC256E-12TC, AT28HC256E-12TI, AT28HC256EF-12TC, AT28HC256EF-12TI, AT28HC256F-12TC, AT28HC256F-12TI**AT28HC64B [ DIP 28 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT28HC64B-12PC, AT28HC64B-12PI, AT28HC64B-55PC, AT28HC64B-70PC, AT28HC64B-70PI, AT28HC64B-90PC, AT28HC64B-90PI, AT28HC64B-90PU**AT28HC64B [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP28](#)**Variants:** AT28HC64B-12JC, AT28HC64B-12JI, AT28HC64B-55JC, AT28HC64B-70JC, AT28HC64B-70JI, AT28HC64B-90JC, AT28HC64B-90JI, AT28HC64B-90JU**AT28HC64B [ SOIC 28 (300mil) ]****Manufacturer:** Atmel**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** AT28HC64B-12SC, AT28HC64B-12SI, AT28HC64B-55SC, AT28HC64B-70SC, AT28HC64B-70SI, AT28HC64B-90SC, AT28HC64B-90SI, AT28HC64B-90SU**AT28HC64B [ TSOP 28 (8x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** AT28HC64B-12PC, AT28HC64B-12PI, AT28HC64B-70TC, AT28HC64B-70TI, AT28HC64B-90PU, AT28HC64B-90TC, AT28HC64B-90TI**AT29C010 [ DIP 32 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT29C010-10PC, AT29C010-10PI, AT29C010-12PC, AT29C010-12PI, AT29C010-15PC, AT29C010-15PI, AT29C010-70PC, AT29C010-70PI, AT29C010-90PC, AT29C010-90PI**AT29C010 [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AT29C010-10JC, AT29C010-10JI, AT29C010-12JC, AT29C010-12JI, AT29C010-15JC, AT29C010-15JI, AT29C010-70JC, AT29C010-70JI, AT29C010-90JC, AT29C010-90JI**AT29C010 [ TSOP 32 (8x20mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AT29C010-10TC, AT29C010-10TPI, AT29C010-12TC, AT29C010-12TI, AT29C010-15TC, AT29C010-15TI, AT29C010-70TC, AT29C010-70TI, AT29C010-90TC, AT29C010-90TI**AT29C010A [ DIP 32 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT29C010A-10PC, AT29C010A-10PI, AT29C010A-12PC, AT29C010A-12PI, AT29C010A-15PC, AT29C010A-15PI, AT29C010A-70PC, AT29C010A-70PI, AT29C010A-90PC, AT29C010A-90PI**AT29C010A [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AT29C010A-10JC, AT29C010A-10JI, AT29C010A-12JC, AT29C010A-12JI, AT29C010A-15JC, AT29C010A-15JI, AT29C010A-70JC, AT29C010A-70JI, AT29C010A-90JC, AT29C010A-90JI**AT29C010A [ TSOP 32 (8x20mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AT29C010A-10TC, AT29C010A-10TPI, AT29C010A-12TC, AT29C010A-12TI, AT29C010A-15TC, AT29C010A-15TI, AT29C010A-70TC, AT29C010A-70TI, AT29C010A-90TC, AT29C010A-90TI



**AT29C020 [ DIP 32 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT29C020-10PC, AT29C020-10PI, AT29C020-12PC, AT29C020-12PI, AT29C020-15PC, AT29C020-15PI, AT29C020-70PC, AT29C020-70PI, AT29C020-90PC, AT29C020-90PI**AT29C020 [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AT29C020-10JC, AT29C020-10JI, AT29C020-12JC, AT29C020-12JI, AT29C020-15JC, AT29C020-15JI, AT29C020-70JC, AT29C020-70JI, AT29C020-90JC, AT29C020-90JI**AT29C020 [ TSOP 32 (8x20mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AT29C020-10TC, AT29C020-10TPI, AT29C020-12TC, AT29C020-12TI, AT29C020-15TC, AT29C020-15TI, AT29C020-70TC, AT29C020-70TI, AT29C020-90TC, AT29C020-90TI**AT29C040A [ DIP 32 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT29C040A-12PC, AT29C040A-12PI, AT29C040A-15PC, AT29C040A-15PI, AT29C040A-20PC, AT29C040A-20PI, AT29C040A-90PC, AT29C040A-90PI**AT29C040A [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AT29C040A-12JC, AT29C040A-12JI, AT29C040A-15JC, AT29C040A-15JI, AT29C040A-20JC, AT29C040A-20JI, AT29C040A-90JC, AT29C040A-90JI**AT29C040A [ TSOP 32 (8x20mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AT29C040A-10TC, AT29C040A-10TPI, AT29C040A-12TC, AT29C040A-12TI, AT29C040A-15TC, AT29C040A-15TI, AT29C040A-70TC, AT29C040A-70TI, AT29C040A-90TC, AT29C040A-90TI**AT29C256 [ DIP 28 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT29C256-12PC, AT29C256-12PI, AT29C256-15PC, AT29C256-15PI, AT29C256-25DC, AT29C256-70PC, AT29C256-70PI, AT29C256-90PC, AT29C256-90PI**AT29C256 [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP28](#)**Variants:** AT29C256-12JC, AT29C256-12JI, AT29C256-15JC, AT29C256-15JI, AT29C256-20JC, AT29C256-70JC, AT29C256-70JI, AT29C256-90JC, AT29C256-90JI**AT29C256 [ TSOP 28 (8x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** AT29C256-12TC, AT29C256-12TI, AT29C256-15TC, AT29C256-15TI, AT29C256-70TC, AT29C256-70TI, AT29C256-90TC, AT29C256-90TI**AT29C257 [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AT29C257-12JC, AT29C257-12JI, AT29C257-15JC, AT29C257-15JI, AT29C257-70JC, AT29C257-70JI, AT29C257-90JC, AT29C257-90JI**AT29C512 [ DIP 32 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT29C512-12PC, AT29C512-12PI, AT29C512-15PC, AT29C512-15PI, AT29C512-70PC, AT29C512-90PC, AT29C512-90PI**AT29C512 [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AT29C512-12JC, AT29C512-12JI, AT29C512-15JC, AT29C512-15JI, AT29C512-70JC, AT29C512-70JI, AT29C512-90JC, AT29C512-90JI

**AT29C512 [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Atmel

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** AT29C512-12TC, AT29C512-12TI, AT29C512-15TC, AT29C512-15TI, AT29C512-70TC, AT29C512-70TI, AT29C512-90TC, AT29C512-90TI

**AT29LV010A [ PLCC 32 ]**

**Manufacturer:** Atmel

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** AT29LV010A-10JC, AT29LV010A-10JI, AT29LV010A-10JU, AT29LV010A-12JC, AT29LV010A-12JI, AT29LV010A-15JC, AT29LV010A-15JI, AT29LV010A-20JC, AT29LV010A-20JI, AT29LV010A-25JC, AT29LV010A-25JI

**AT29LV010A [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Atmel

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** AT29LV010A-10TC, AT29LV010A-10TI, AT29LV010A-10TU, AT29LV010A-12TC, AT29LV010A-12TI, AT29LV010A-20TC, AT29LV010A-20TI, AT29LV010A-25TC, AT29LV010A-25TI

## Benchmark

### **bq4010 [ DIP 28 ]**

**Manufacturer:** Benchmark

**Required Adapter:** None

**Variants:** bq4010-150, bq4010-200, bq4010-85, bq4010Y-150, bq4010Y-200, bq4010Y-70, bq4010Y-85

### **bq4011 [ DIP 28 ]**

**Manufacturer:** Benchmark

**Required Adapter:** None

**Variants:** bq4011-100, bq4011-150, bq4011-200, bq4011Y-100, bq4011Y-150, bq4011Y-200, bq4011Y-70

### **bq4013 [ DIP 32 ]**

**Manufacturer:** Benchmark

**Required Adapter:** None

**Variants:** bq4013MA-120, bq4013MA-120N, bq4013MA-70, bq4013MA-70N, bq4013MA-85, bq4013MA-85N, bq4013YMA-120, bq4013YMA-120N, bq4013YMA-70, bq4013YMA-70N, bq4013YMA-85, bq4013YMA-85N

## Bosch

### **B57120 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57120-DIP

### **B57324 [ DIP 24 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57324-DIP

### **B57347 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57347-DIP

### **B57423 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57423-DIP

### **B57477 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57477-DIP

### **B57519 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57519-DIP

### **B57546 [ PLCC 32 ]**

**Manufacturer:** Bosch  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** B57546-PLCC

### **B57604 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57604-DIP

### **B57605 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57605-DIP

### **B57607 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57607-DIP

### **B57610 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57610-DIP

### **B57618 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57618-DIP

### **B57625 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57625-DIP

### **B57654 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57654-DIP

**B57684 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57684-DIP

**B57696 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57696-DIP

**B57696 [ PLCC 32 ]**

**Manufacturer:** Bosch  
**Required Adapter:** [PLCC32-DIP28](#)  
**Variants:** B57696-DIP

**B57701 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57701-DIP

**B57764 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57764-DIP

**B57771 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57771-DIP

**B57781 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57781-DIP

**B57808 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57808-DIP

**B57922 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57922-DIP

**B57960 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57960-DIP

**B57995 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B57995-DIP

**B58014 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B58014-DIP

**B58038 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B58038-DIP

**B58094 [ DIP 32 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B58094-DIP

**B58094 [ PLCC 32 ]**

Manufacturer: Bosch  
Required Adapter: [PLCC32-DIP32](#)  
Variants: B58094-PLCC

**B58098 [ DIP 28 ]**

Manufacturer: Bosch  
Required Adapter: None  
Variants: B58098-DIP

**B58126 [ DIP 32 ]**

Manufacturer: Bosch  
Required Adapter: None  
Variants: B58126-DIP

**B58126 [ PLCC 32 ]**

Manufacturer: Bosch  
Required Adapter: [PLCC32-DIP32](#)  
Variants: B58126-PLCC

**B58127 [ DIP 28 ]**

Manufacturer: Bosch  
Required Adapter: None  
Variants: B58127-DIP

**B58150 [ DIP 28 ]**

Manufacturer: Bosch  
Required Adapter: None  
Variants: B58150-DIP

**B58157 [ DIP 28 ]**

Manufacturer: Bosch  
Required Adapter: None  
Variants: B58157-DIP

**B58185 [ DIP 28 ]**

Manufacturer: Bosch  
Required Adapter: None  
Variants: B58185-DIP

**B58214 [ DIP 28 ]**

Manufacturer: Bosch  
Required Adapter: None  
Variants: B58214-DIP

**B58234 [ DIP 28 ]**

Manufacturer: Bosch  
Required Adapter: None  
Variants: B58234-DIP

**B58235 [ DIP 28 ]**

Manufacturer: Bosch  
Required Adapter: None  
Variants: B58235-DIP

**B58239 [ DIP 28 ]**

Manufacturer: Bosch  
Required Adapter: None  
Variants: B58239-DIP

**B58293 [ PLCC 32 ]**

Manufacturer: Bosch  
Required Adapter: [PLCC32-DIP28](#)  
Variants: B58293-PLCC

**B58331 [ PLCC 32 ]**

Manufacturer: Bosch  
Required Adapter: [PLCC32-DIP32](#)  
Variants: B58331-PLCC

**B58334 [ PLCC 32 ]**

**Manufacturer:** Bosch  
**Required Adapter:** [PLCC32-DIP28](#)  
**Variants:** B58334-PLCC

**B58335 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B58335-DIP

**B58339 [ PLCC 32 ]**

**Manufacturer:** Bosch  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** B58339-PLCC

**B58381 [ PLCC 32 ]**

**Manufacturer:** Bosch  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** B58381-PLCC

**B58399 [ PLCC 32 ]**

**Manufacturer:** Bosch  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** B58399-PLCC

**B58424 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B58424-DIP

**B58449 [ DIP 32 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B58449-10B1, B58449-10B3, B58449-10B6, B58449-10F1, B58449-10F3, B58449-10F6, B58449-10XB1, B58449-10XB3, B58449-10XB6, B58449-10XF1, B58449-10XF3, B58449-10XF6, B58449-12B1, B58449-12B3, B58449-12B6, B58449-12F1, B58449-12F3, B58449-12F6, B58449-12XB1, B58449-12XB3, B58449-12XB6, B58449-12XF1, B58449-12XF3, B58449-12XF6, B58449-15B1, B58449-15B3, B58449-15B6, B58449-15F1, B58449-15F3, B58449-15F6, B58449-15XB1, B58449-15XB3, B58449-15XB6, B58449-15XF1, B58449-15XF3, B58449-15XF6, B58449-20B1, B58449-20B3, B58449-20B6, B58449-20F1, B58449-20F3, B58449-20F6, B58449-20XB1, B58449-20XB3, B58449-20XB6, B58449-20XF1, B58449-20XF3, B58449-20XF6, B58449-25B1, B58449-25B3, B58449-25B6, B58449-25F1, B58449-25F3, B58449-25F6, B58449-25XB1, B58449-25XB3, B58449-25XB6, B58449-25XF1, B58449-25XF3, B58449-25XF6, B58449-45B1, B58449-45B3, B58449-45B6, B58449-45F1, B58449-45F3, B58449-45F6, B58449-45XB1, B58449-45XB3, B58449-45XB6, B58449-45XF1, B58449-45XF3, B58449-45XF6, B58449-60B1, B58449-60B3, B58449-60B6, B58449-60F1, B58449-60F3, B58449-60F6, B58449-60XB1, B58449-60XB3, B58449-60XB6, B58449-60XF1, B58449-60XF3, B58449-60XF6, B58449-70B1, B58449-70B3, B58449-70B6, B58449-70F1, B58449-70F3, B58449-70F6, B58449-70XB1, B58449-70XB3, B58449-70XB6, B58449-70XF1, B58449-70XF3, B58449-70XF6, B58449-80B1, B58449-80B3, B58449-80B6, B58449-80F1, B58449-80F3, B58449-80F6, B58449-80XB1, B58449-80XB3, B58449-80XB6, B58449-80XF1, B58449-80XF3, B58449-80XF6, B58449-90B1, B58449-90B3, B58449-90B6, B58449-90F1, B58449-90F3, B58449-90F6, B58449-90XB1, B58449-90XB3, B58449-90XB6, B58449-90XF1, B58449-90XF3, B58449-90XF6

**B58449 [ PLCC 32 ]**

**Manufacturer:** Bosch  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** B58449-10C1, B58449-10C3, B58449-10C6, B58449-12C1, B58449-12C3, B58449-12C6, B58449-15C1, B58449-15C3, B58449-15C6, B58449-20C1, B58449-20C3, B58449-20C6, B58449-25C1, B58449-25C3, B58449-25C6, B58449-45C1, B58449-45C3, B58449-45C6, B58449-60C1, B58449-60C3, B58449-60C6, B58449-70C1, B58449-70C3, B58449-70C6, B58449-80C1, B58449-80C3, B58449-80C6, B58449-90C1, B58449-90C3, B58449-90C6

**B58449 [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Bosch  
**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)  
**Variants:** B58449-10N1, B58449-10N3, B58449-10N6, B58449-12N1, B58449-12N3, B58449-12N6, B58449-15N1, B58449-15N3, B58449-15N6, B58449-20N1, B58449-20N3, B58449-20N6, B58449-25N1, B58449-25N3, B58449-25N6, B58449-45N1, B58449-45N3, B58449-45N6, B58449-60N1, B58449-60N3, B58449-60N6, B58449-70N1, B58449-70N3, B58449-70N6, B58449-80N1, B58449-80N3, B58449-80N6, B58449-90N1, B58449-90N3, B58449-90N6

**B58517 [ PLCC 32 ]**

**Manufacturer:** Bosch  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** B58517-PLCC

**B58530 [ PLCC 32 ]**

**Manufacturer:** Bosch  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** B58530-PLCC

**B58539 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B58539-DIP

**B58541 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B58541-DIP

**B58542 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B58542-DIP

**B58543 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B58543-DIP

**B58544 [ DIP 32 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B58544-DIP

**B58545 [ DIP 28 ]**

**Manufacturer:** Bosch  
**Required Adapter:** None  
**Variants:** B58545-DIP

**B58547 [ PLCC 32 ]**

**Manufacturer:** Bosch  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** B58547-PLCC

**B58550 [ PLCC 32 ]**

**Manufacturer:** Bosch  
**Required Adapter:** [PLCC32-DIP28](#)  
**Variants:** B58550-PLCC

**B58911 [ PLCC 32 ]**

**Manufacturer:** Bosch  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** B58911-PLCC



## CION

### HT27C020 [ DIP 32 ]

**Manufacturer:** CION

**Required Adapter:** None

**Variants:** HT27C020-120, HT27C020-70, HT27C020-90

### HT27C020 [ PLCC 32 ]

**Manufacturer:** CION

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** HT27C020-120, HT27C020-70, HT27C020-90

### HT27C020 [ TSOP 32 (8x20mm) ]

**Manufacturer:** CION

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** HT27C020-120, HT27C020-70, HT27C020-90

## Catalyst (CSI)

### CAT27010 [ DIP 32 ]

**Manufacturer:** Catalyst (CSI)

**Required Adapter:** None

**Variants:** CAT27010D-12, CAT27010D-15, CAT27010D-20, CAT27010P-12, CAT27010P-15, CAT27010P-20

### CAT27512 (12.75V) [ DIP 28 ]

**Manufacturer:** Catalyst (CSI)

**Required Adapter:** None

**Variants:** CAT27512D-12, CAT27512D-15, CAT27512D-20, CAT27512P-12, CAT27512P-15, CAT27512P-20

### CAT27512 (12.75V) [ PLCC 32 ]

**Manufacturer:** Catalyst (CSI)

**Required Adapter:** None

**Variants:** CAT27512D-12, CAT27512D-15, CAT27512D-20, CAT27512P-12, CAT27512P-15, CAT27512P-20

### CAT27HC010 [ DIP 32 ]

**Manufacturer:** Catalyst (CSI)

**Required Adapter:** None

**Variants:** CAT27HC010I-12, CAT27HC010I-70, CAT27HC010I-90, CAT27HC010M-12, CAT27HC010M-70, CAT27HC010M-90

### CAT27HC010 [ PLCC 32 ]

**Manufacturer:** Catalyst (CSI)

**Required Adapter:** None

**Variants:** CAT27HC010I-12, CAT27HC010I-70, CAT27HC010I-90, CAT27HC010M-12, CAT27HC010M-70, CAT27HC010M-90

### CAT28C16A [ DIP 24 ]

**Manufacturer:** Catalyst (CSI)

**Required Adapter:** None

**Variants:** CAT28C16A-15, CAT28C16A-20, CAT28C16A-25, CAT28C16AI-15, CAT28C16AI-20, CAT28C16AI-25

### CAT28C16A [ SOIC 24 (300mil) ]

**Manufacturer:** Catalyst (CSI)

**Required Adapter:** [SOIC24\(300mil\)-DIP24](#)

**Variants:** CAT28C16A-15, CAT28C16A-20, CAT28C16A-25, CAT28C16AA-15, CAT28C16AA-20, CAT28C16AA-25, CAT28C16AI-15, CAT28C16AI-20, CAT28C16AI-25, CAT28C16AJ-15, CAT28C16AJ-20, CAT28C16AJ-25, CAT28C16AJA-15, CAT28C16AJA-20, CAT28C16AJA-25, CAT28C16AJI-15, CAT28C16AJI-20, CAT28C16AJI-25

### CAT28C256 [ DIP 28 ]

**Manufacturer:** Catalyst (CSI)

**Required Adapter:** None

**Variants:** CAT28C256L-12, CAT28C256L-15, CAT28C256LA-12, CAT28C256LA-15, CAT28C256LI-12, CAT28C256LI-15, CAT28C256P-12, CAT28C256P-15, CAT28C256PA-12, CAT28C256PA-15, CAT28C256PI-12, CAT28C256PI-15

### CAT28C256 [ PLCC 32 ]

**Manufacturer:** Catalyst (CSI)

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** CAT28C256G-12, CAT28C256G-15, CAT28C256GA-12, CAT28C256GA-15, CAT28C256GI-12, CAT28C256GI-15, CAT28C256N-12, CAT28C256N-15, CAT28C256NA-12, CAT28C256NA-15, CAT28C256NI-12, CAT28C256NI-15

### CAT28C256 [ TSOP 28 (8x14mm) ]

**Manufacturer:** Catalyst (CSI)

**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)

**Variants:** CAT28C256H13-12, CAT28C256H13-15, CAT28C256H13A-12, CAT28C256H13A-15, CAT28C256H13I-12, CAT28C256H13I-15, CAT28C256T13-12, CAT28C256T13-15, CAT28C256T13A-12, CAT28C256T13A-15, CAT28C256T13I-12, CAT28C256T13I-15

### CAT28C64A [ DIP 28 ]

**Manufacturer:** Catalyst (CSI)

**Required Adapter:** None

**Variants:** CAT28C64A-15, CAT28C64A-20, CAT28C64A-25, CAT28C64AI-15, CAT28C64AI-20, CAT28C64AI-25

### CAT28C64A [ PLCC 32 ]

**Manufacturer:** Catalyst (CSI)

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** CAT28C64A-15, CAT28C64A-20, CAT28C64A-25, CAT28C64AI-15, CAT28C64AI-20, CAT28C64AI-25

### CAT28C64A [ SOIC 28 (300mil) ]

**Manufacturer:** Catalyst (CSI)

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** CAT28C64A-15, CAT28C64A-20, CAT28C64A-25, CAT28C64AI-15, CAT28C64AI-20, CAT28C64AI-25

**CAT28C64A [ TSOP 28 (8x14mm) ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** CAT28C64A-15, CAT28C64A-20, CAT28C64A-25, CAT28C64AI-15, CAT28C64AI-20, CAT28C64AI-25**CAT28C64B [ DIP 28 ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** None**Variants:** CAT28C64BL-12, CAT28C64BL-15, CAT28C64BL-90, CAT28C64BLA-12, CAT28C64BLA-15, CAT28C64BLA-90, CAT28C64BLI-12, CAT28C64BLI-15, CAT28C64BLI-90, CAT28C64BP-12, CAT28C64BP-15, CAT28C64BP-90, CAT28C64BPA-12, CAT28C64BPA-15, CAT28C64BPA-90, CAT28C64BPI-12, CAT28C64BPI-15, CAT28C64BPI-90**CAT28C64B [ PLCC 32 ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** [PLCC32-DIP28](#)**Variants:** CAT28C64BG-12, CAT28C64BG-15, CAT28C64BG-90, CAT28C64BGA-12, CAT28C64BGA-15, CAT28C64BGA-90, CAT28C64BGI-12, CAT28C64BGI-15, CAT28C64BGI-90, CAT28C64BN-12, CAT28C64BN-15, CAT28C64BN-90, CAT28C64BNA-12, CAT28C64BNA-15, CAT28C64BNA-90, CAT28C64BNI-12, CAT28C64BNI-15, CAT28C64BNI-90**CAT28C64B [ SOIC 28 (300mil) ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** CAT28C64BJ-12, CAT28C64BJ-15, CAT28C64BJ-90, CAT28C64BJA-12, CAT28C64BJA-15, CAT28C64BJA-90, CAT28C64BJI-12, CAT28C64BJI-15, CAT28C64BJI-90, CAT28C64BW-12, CAT28C64BW-15, CAT28C64BW-90, CAT28C64BWA-12, CAT28C64BWA-15, CAT28C64BWA-90, CAT28C64BWI-12, CAT28C64BWI-15, CAT28C64BWI-90**CAT28C64B [ TSOP 28 (8x14mm) ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** CAT28C64BH13-12, CAT28C64BH13-15, CAT28C64BH13-90, CAT28C64BH13A-12, CAT28C64BH13A-15, CAT28C64BH13A-90, CAT28C64BH13I-12, CAT28C64BH13I-15, CAT28C64BH13I-90, CAT28C64BT13-12, CAT28C64BT13-15, CAT28C64BT13-90, CAT28C64BT13A-12, CAT28C64BT13A-15, CAT28C64BT13A-90, CAT28C64BT13I-12, CAT28C64BT13I-15, CAT28C64BT13I-90**CAT28C65B [ DIP 28 ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** None**Variants:** CAT28C65BP-12, CAT28C65BP-12T, CAT28C65BP-15, CAT28C65BP-15T, CAT28C65BPA-12, CAT28C65BPA-12T, CAT28C65BPA-15, CAT28C65BPA-15T, CAT28C65BPI-12, CAT28C65BPI-12T, CAT28C65BPI-15, CAT28C65BPI-15T**CAT28C65B [ PLCC 32 ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** [PLCC32-DIP28](#)**Variants:** CAT28C65BN-12, CAT28C65BN-12T, CAT28C65BN-15, CAT28C65BN-15T, CAT28C65BNA-12, CAT28C65BNA-12T, CAT28C65BNA-15, CAT28C65BNA-15T, CAT28C65BNI-12, CAT28C65BNI-12T, CAT28C65BNI-15, CAT28C65BNI-15T**CAT28C65B [ SOIC 28 (300mil) ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** CAT28C65BJ-12, CAT28C65BJ-12T, CAT28C65BJ-15, CAT28C65BJ-15T, CAT28C65BJA-12, CAT28C65BJA-12T, CAT28C65BJA-15, CAT28C65BJA-15T, CAT28C65BJI-12, CAT28C65BJI-12T, CAT28C65BJI-15, CAT28C65BJI-15T, CAT28C65BK-12, CAT28C65BK-12T, CAT28C65BK-15, CAT28C65BK-15T, CAT28C65BKA-12, CAT28C65BKA-12T, CAT28C65BKA-15, CAT28C65BKA-15T, CAT28C65BKI-12, CAT28C65BKI-12T, CAT28C65BKI-15, CAT28C65BKI-15T**CAT28C65B [ TSOP 28 (8x14mm) ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** CAT28C65BT13-12, CAT28C65BT13-12T, CAT28C65BT13-15, CAT28C65BT13-15T, CAT28C65BT13A-12, CAT28C65BT13A-12T, CAT28C65BT13A-15, CAT28C65BT13A-15T, CAT28C65BT13I-12, CAT28C65BT13I-12T, CAT28C65BT13I-15, CAT28C65BT13I-15T**CAT28F001 (Bottom) [ DIP 32 ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** None**Variants:** CAT28F001L-12B, CAT28F001L-90B, CAT28F001LA-12B, CAT28F001LA-90B, CAT28F001LI-12B, CAT28F001LI-90B, CAT28F001P-12B, CAT28F001P-90B, CAT28F001PA-12B, CAT28F001PA-90B, CAT28F001PI-12B, CAT28F001PI-90B**CAT28F001 (Bottom) [ PLCC 32 ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** [PLCC32-DIP32](#)**Variants:** CAT28F001G-12B, CAT28F001G-90B, CAT28F001GA-12B, CAT28F001GA-90B, CAT28F001GI-12B, CAT28F001GI-90B, CAT28F001N-12B, CAT28F001N-90B, CAT28F001NA-12B, CAT28F001NA-90B, CAT28F001NI-12B, CAT28F001NI-90B

**CAT28F001 (Bottom) [ TSOP 32 (8x20mm) ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** CAT28F001H-12B, CAT28F001H-90B, CAT28F001HA-12B, CAT28F001HA-90B, CAT28F001HI-12B, CAT28F001HI-90B, CAT28F001T-12B, CAT28F001T-90B, CAT28F001TA-12B, CAT28F001TA-90B, CAT28F001TI-12B, CAT28F001TI-90B**CAT28F001 (Top) [ DIP 32 ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** None**Variants:** CAT28F001L-12T, CAT28F001L-90T, CAT28F001LA-12T, CAT28F001LA-90T, CAT28F001LI-12T, CAT28F001LI-90T, CAT28F001P-12T, CAT28F001P-90T, CAT28F001PA-12T, CAT28F001PA-90T, CAT28F001PI-12T, CAT28F001PI-90T**CAT28F001 (Top) [ PLCC 32 ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** [PLCC32-DIP32](#)**Variants:** CAT28F001G-12T, CAT28F001G-90T, CAT28F001GA-12T, CAT28F001GA-90T, CAT28F001GI-12T, CAT28F001GI-90T, CAT28F001N-12T, CAT28F001N-90T, CAT28F001NA-12T, CAT28F001NA-90T, CAT28F001NI-12T, CAT28F001NI-90T**CAT28F001 (Top) [ TSOP 32 (8x20mm) ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** CAT28F001H-12T, CAT28F001H-90T, CAT28F001HA-12T, CAT28F001HA-90T, CAT28F001HI-12T, CAT28F001HI-90T, CAT28F001T-12T, CAT28F001T-90T, CAT28F001TA-12T, CAT28F001TA-90T, CAT28F001TI-12T, CAT28F001TI-90T**CAT28F010 [ DIP 32 ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** None**Variants:** CAT28F010P-12, CAT28F010P-70, CAT28F010P-90, CAT28F010PA-12, CAT28F010PA-70, CAT28F010PA-90, CAT28F010PI-12, CAT28F010PI-70, CAT28F010PI-90**CAT28F010 [ PLCC 32 ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** [PLCC32-DIP32](#)**Variants:** CAT28F010N-12, CAT28F010N-70, CAT28F010N-90, CAT28F010NA-12, CAT28F010NA-70, CAT28F010NA-90, CAT28F010NI-12, CAT28F010NI-70, CAT28F010NI-90**CAT28F010 [ TSOP 32 (8x20mm) ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** CAT28F010T-12, CAT28F010T-70, CAT28F010T-90, CAT28F010TA-12, CAT28F010TA-70, CAT28F010TA-90, CAT28F010TI-12, CAT28F010TI-70, CAT28F010TI-90**CAT28F020 [ DIP 32 ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** None**Variants:** CAT28F020P-12, CAT28F020P-70, CAT28F020P-90, CAT28F020PA-12, CAT28F020PA-70, CAT28F020PA-90, CAT28F020PI-12, CAT28F020PI-70, CAT28F020PI-90**CAT28F020 [ PLCC 32 ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** [PLCC32-DIP32](#)**Variants:** CAT28F020N-12, CAT28F020N-70, CAT28F020N-90, CAT28F020NA-12, CAT28F020NA-70, CAT28F020NA-90, CAT28F020NI-12, CAT28F020NI-70, CAT28F020NI-90**CAT28F020 [ TSOP 32 (8x20mm) ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** CAT28F020T-12, CAT28F020T-70, CAT28F020T-90, CAT28F020TA-12, CAT28F020TA-70, CAT28F020TA-90, CAT28F020TI-12, CAT28F020TI-70, CAT28F020TI-90**CAT28F512 [ DIP 32 ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** None**Variants:** CAT28F512P-12, CAT28F512P-15, CAT28F512P-90, CAT28F512PA-12, CAT28F512PA-15, CAT28F512PA-90, CAT28F512PI-12, CAT28F512PI-15, CAT28F512PI-90**CAT28F512 [ PLCC 32 ]****Manufacturer:** Catalyst (CSI)**Required Adapter:** [PLCC32-DIP32](#)**Variants:** CAT28F512N-12, CAT28F512N-15, CAT28F512N-90, CAT28F512NA-12, CAT28F512NA-15, CAT28F512NA-90, CAT28F512NI-12, CAT28F512NI-15, CAT28F512NI-90

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### **CAT28F512 [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Catalyst (CSI)

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** CAT28F512T-12, CAT28F512T-15, CAT28F512T-90, CAT28F512TA-12, CAT28F512TA-15, CAT28F512TA-90, CAT28F512TI-12, CAT28F512TI-15, CAT28F512TI-90

## Cypress

### CY27C010 [ DIP 32 ]

**Manufacturer:** Cypress

**Required Adapter:** None

**Variants:** CY27C010-120PC, CY27C010-120WC, CY27C010-120WMB, CY27C010-150PC, CY27C010-150WC, CY27C010-150WMB, CY27C010-200PC, CY27C010-200WC, CY27C010-200WMB, CY27C010-45PC, CY27C010-45WC, CY27C010-45WMB, CY27C010-55PC, CY27C010-55WC, CY27C010-55WMB, CY27C010-70PC, CY27C010-70WC, CY27C010-70WMB, CY27C010-90PC, CY27C010-90WC, CY27C010-90WMB

### CY27C010 [ PLCC 32 ]

**Manufacturer:** Cypress

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** CY27C010-120JC, CY27C010-120QMB, CY27C010-150JC, CY27C010-150QMB, CY27C010-200JC, CY27C010-200QMB, CY27C010-45JC, CY27C010-45QMB, CY27C010-55JC, CY27C010-55QMB, CY27C010-70JC, CY27C010-70QMB, CY27C010-90JC, CY27C010-90QMB

### CY27C010 [ TSOP 32 (8x20mm) ]

**Manufacturer:** Cypress

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** CY27C010-120ZC, CY27C010-150ZC, CY27C010-200ZC, CY27C010-45ZC, CY27C010-55ZC, CY27C010-70ZC, CY27C010-90ZC

### CY27C020 [ DIP 32 ]

**Manufacturer:** Cypress

**Required Adapter:** None

**Variants:** CY27C020-120DMB, CY27C020-120PC, CY27C020-120WC, CY27C020-120WMB, CY27C020-150DMB, CY27C020-150PC, CY27C020-150WC, CY27C020-150WMB, CY27C020-200DMB, CY27C020-200PC, CY27C020-200WC, CY27C020-200WMB, CY27C020-70PC, CY27C020-70WC, CY27C020-90DMB, CY27C020-90PC, CY27C020-90WC, CY27C020-90WMB

### CY27C020 [ PLCC 32 ]

**Manufacturer:** Cypress

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** CY27C020-120JC, CY27C020-120LMB, CY27C020-120QMB, CY27C020-150JC, CY27C020-150LMB, CY27C020-150QMB, CY27C020-200JC, CY27C020-200LMB, CY27C020-200QMB, CY27C020-70JC, CY27C020-70LMB, CY27C020-70QMB, CY27C020-90JC, CY27C020-90LMB, CY27C020-90QMB

### CY27C020 [ TSOP 32 (8x20mm) ]

**Manufacturer:** Cypress

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** CY27C020-120ZC, CY27C020-150ZC, CY27C020-200ZC, CY27C020-70ZC, CY27C020-90ZC

### CY27C040 [ DIP 32 ]

**Manufacturer:** Cypress

**Required Adapter:** None

**Variants:** CY27C040-120DMB, CY27C040-120PC, CY27C040-120WC, CY27C040-120WMB, CY27C040-150DMB, CY27C040-150PC, CY27C040-150WC, CY27C040-150WMB, CY27C040-200DMB, CY27C040-200PC, CY27C040-200WC, CY27C040-200WMB, CY27C040-70PC, CY27C040-70WC, CY27C040-90DMB, CY27C040-90PC, CY27C040-90WC, CY27C040-90WMB

### CY27C040 [ PLCC 32 ]

**Manufacturer:** Cypress

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** CY27C040-120JC, CY27C040-120LMB, CY27C040-120QMB, CY27C040-150JC, CY27C040-150LMB, CY27C040-150QMB, CY27C040-200JC, CY27C040-200LMB, CY27C040-200QMB, CY27C040-70JC, CY27C040-70LMB, CY27C040-70QMB, CY27C040-90JC, CY27C040-90LMB, CY27C040-90QMB

### CY27C040 [ TSOP 32 (8x20mm) ]

**Manufacturer:** Cypress

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** CY27C040-120ZC, CY27C040-150ZC, CY27C040-200ZC, CY27C040-70ZC, CY27C040-90ZC

### CY27C256 [ DIP 28 ]

**Manufacturer:** Cypress

**Required Adapter:** None

**Variants:** CY27C256-120PC, CY27C256-120WC, CY27C256-120WMB, CY27C256-150PC, CY27C256-150WC, CY27C256-150WMB, CY27C256-200PC, CY27C256-200WC, CY27C256-200WMB, CY27C256-45PC, CY27C256-45WC, CY27C256-45WMB, CY27C256-55PC, CY27C256-55WC, CY27C256-55WMB, CY27C256-70PC, CY27C256-70WC, CY27C256-70WMB, CY27C256-90PC, CY27C256-90WC, CY27C256-90WMB

### CY27C256 [ PLCC 32 ]

**Manufacturer:** Cypress

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** CY27C256-120JC, CY27C256-150JC, CY27C256-200JC, CY27C256-45JC, CY27C256-55JC, CY27C256-70JC, CY27C256-90JC

**CY27C256 [ TSOP 28 (8x14mm) ]****Manufacturer:** Cypress**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** CY27C256-120ZC, CY27C256-150ZC, CY27C256-200ZC, CY27C256-45ZC, CY27C256-55ZC, CY27C256-70ZC, CY27C256-90ZC**CY27C256T [ DIP 28 ]****Manufacturer:** Cypress**Required Adapter:** None**Variants:** CY27C256T-45WC, CY27C256T-45WMB, CY27C256T-55WC, CY27C256T-55WMB, CY27C256T-70WC, CY27C256T-70WMB**CY27C256T [ TSOP 28 (8x14mm) ]****Manufacturer:** Cypress**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** CY27C256T-45ZC, CY27C256T-55ZC, CY27C256T-70ZC**CY27C512 [ DIP 28 ]****Manufacturer:** Cypress**Required Adapter:** None**Variants:** CY27C512-120PC, CY27C512-120WC, CY27C512-120WMB, CY27C512-150PC, CY27C512-150WC, CY27C512-150WMB, CY27C512-200PC, CY27C512-200WC, CY27C512-200WMB, CY27C512-45PC, CY27C512-45WC, CY27C512-45WMB, CY27C512-55PC, CY27C512-55WC, CY27C512-55WMB, CY27C512-70PC, CY27C512-70WC, CY27C512-70WMB, CY27C512-90PC, CY27C512-90WC, CY27C512-90WMB**CY27C512 [ PLCC 32 ]****Manufacturer:** Cypress**Required Adapter:** [PLCC32-DIP28](#)**Variants:** CY27C512-120JC, CY27C512-120QMB, CY27C512-150JC, CY27C512-150QMB, CY27C512-200JC, CY27C512-200QMB, CY27C512-45JC, CY27C512-45QMB, CY27C512-55JC, CY27C512-55QMB, CY27C512-70JC, CY27C512-70QMB, CY27C512-90JC, CY27C512-90QMB**CY27C512 [ TSOP 28 (8x14mm) ]****Manufacturer:** Cypress**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** CY27C512-120ZC, CY27C512-150ZC, CY27C512-200ZC, CY27C512-45ZC, CY27C512-55ZC, CY27C512-70ZC, CY27C512-90ZC**CY27H010 [ DIP 32 ]****Manufacturer:** Cypress**Required Adapter:** None**Variants:** CY27H010-30PC, CY27H010-30WC, CY27H010-35PC, CY27H010-35WC, CY27H010-35WMB**CY27H010 [ PLCC 32 ]****Manufacturer:** Cypress**Required Adapter:** [PLCC32-DIP32](#)**Variants:** CY27H010-25JC, CY27H010-30JC, CY27H010-35JC, CY27H010-35QMB**CY27H010 [ TSOP 32 (8x20mm) ]****Manufacturer:** Cypress**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** CY27H010-25ZC, CY27H010-30ZC, CY27H010-35ZC**CY27H512 [ DIP 28 ]****Manufacturer:** Cypress**Required Adapter:** None**Variants:** CY27H512-30PC, CY27H512-30WC, CY27H512-35PC, CY27H512-35WC, CY27H512-45DMB, CY27H512-45PC, CY27H512-45WC, CY27H512-45WMB, CY27H512-55DMB, CY27H512-55PC, CY27H512-55WC, CY27H512-55WMB, CY27H512-70DMB, CY27H512-70PC, CY27H512-70WC, CY27H512-70WMB**CY27H512 [ PLCC 32 ]****Manufacturer:** Cypress**Required Adapter:** [PLCC32-DIP28](#)**Variants:** CY27H512-25HC, CY27H512-25JC, CY27H512-30HC, CY27H512-30JC, CY27H512-35HC, CY27H512-35HMB, CY27H512-35JC, CY27H512-35LMB, CY27H512-35QMB, CY27H512-45HC, CY27H512-45HMB, CY27H512-45JC, CY27H512-45LMB, CY27H512-45QMB, CY27H512-55HC, CY27H512-55HMB, CY27H512-55JC, CY27H512-55LMB, CY27H512-55QMB, CY27H512-70HC, CY27H512-70HMB, CY27H512-70JC, CY27H512-70LMB, CY27H512-70QMB**CY27H512 [ TSOP 28 (8x14mm) ]****Manufacturer:** Cypress**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** CY27H512-25ZC, CY27H512-30ZC, CY27H512-35ZC, CY27H512-45ZC, CY27H512-55ZC, CY27H512-70ZC

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**FM16W08 [ SOIC 28 (300mil) ]**

**Manufacturer:** Cypress

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** FM16W08-SG, FM16W08-SGTR

**STK15C88 [ DIP 28 ]**

**Manufacturer:** Cypress

**Required Adapter:** None

**Variants:** STK15C88-WF25I, STK15C88-WF45

**STK16C88 [ DIP 28 ]**

**Manufacturer:** Cypress

**Required Adapter:** None

**Variants:** STK16C88-WF25I, STK16C88-WF45

**STK20C04 [ DIP 28 ]**

**Manufacturer:** Cypress

**Required Adapter:** None

**Variants:** STK20C04-WF25I, STK20C04-WF45



## Dallas Semiconductor

### DS1220 [ DIP 24 ]

**Manufacturer:** Dallas Semiconductor

**Required Adapter:** None

**Variants:** DS1220AB-100, DS1220AB-100-IND, DS1220AB-120, DS1220AB-120-IND, DS1220AB-150, DS1220AB-150-IND, DS1220AB-200, DS1220AB-200-IND, DS1220AD-100, DS1220AD-100-IND, DS1220AD-120, DS1220AD-120-IND, DS1220AD-150, DS1220AD-150-IND, DS1220AD-200, DS1220AD-200-IND

### DS1225 [ DIP 28 ]

**Manufacturer:** Dallas Semiconductor

**Required Adapter:** None

**Variants:** DS1225AB-150, DS1225AB-150+, DS1225AB-150IND, DS1225AB-150IND+, DS1225AB-170, DS1225AB-170+, DS1225AB-170IND, DS1225AB-170IND+, DS1225AB-200, DS1225AB-200+, DS1225AB-200IND, DS1225AB-200IND+, DS1225AB-70, DS1225AB-70+, DS1225AB-70IND, DS1225AB-70IND+, DS1225AB-85, DS1225AB-85+, DS1225AB-85IND, DS1225AB-85IND+, DS1225AD-150, DS1225AD-150+, DS1225AD-150IND, DS1225AD-150IND+, DS1225AD-170, DS1225AD-170+, DS1225AD-170IND, DS1225AD-170IND+, DS1225AD-200, DS1225AD-200+, DS1225AD-200IND, DS1225AD-200IND+, DS1225AD-70, DS1225AD-70+, DS1225AD-70IND, DS1225AD-70IND+, DS1225AD-85, DS1225AD-85+, DS1225AD-85IND, DS1225AD-85IND+, DS1225Y-150, DS1225Y-150+, DS1225Y-150IND, DS1225Y-150IND+, DS1225Y-170, DS1225Y-170+, DS1225Y-170IND, DS1225Y-170IND+, DS1225Y-200, DS1225Y-200+, DS1225Y-200-IND, DS1225Y-200-IND+

### DS1230 [ DIP 28 ]

**Manufacturer:** Dallas Semiconductor

**Required Adapter:** None

**Variants:** DS1230-120, DS1230-120-IND, DS1230-150, DS1230-150-IND, DS1230AB-100, DS1230AB-100-IND, DS1230AB-120, DS1230AB-120-IND, DS1230AB-150, DS1230AB-150-IND, DS1230AB-200, DS1230AB-200-IND, DS1230AB-70, DS1230AB-70-IND, DS1230AB-85, DS1230AB-85-IND, DS1230Y-100, DS1230Y-100-IND, DS1230Y-120, DS1230Y-120-IND, DS1230Y-150, DS1230Y-150-IND, DS1230Y-200, DS1230Y-200-IND, DS1230Y-70, DS1230Y-70-IND, DS1230Y-85, DS1230Y-85-IND

### DS1243 [ DIP 28 ]

**Manufacturer:** Dallas Semiconductor

**Required Adapter:** None

**Variants:** DS1243Y-120, DS1243Y-150, DS1243Y-200

### DS1244 [ DIP 28 ]

**Manufacturer:** Dallas Semiconductor

**Required Adapter:** None

**Variants:** DS1244Y-120, DS1244Y-150, DS1244Y-200

### DS1245 [ DIP 32 ]

**Manufacturer:** Dallas Semiconductor

**Required Adapter:** None

**Variants:** DS1245AB-100, DS1245AB-100-IND, DS1245AB-120, DS1245AB-120-IND, DS1245AB-70, DS1245AB-70-IND, DS1245AB-85, DS1245AB-85-IND, DS1245Y-100, DS1245Y-100-IND, DS1245Y-120, DS1245Y-120-IND, DS1245Y-70, DS1245Y-70-IND, DS1245Y-85, DS1245Y-85-IND

### DS1250 [ DIP 32 ]

**Manufacturer:** Dallas Semiconductor

**Required Adapter:** None

**Variants:** DS1250AB-100, DS1250AB-100-IND, DS1250AB-70, DS1250AB-70-IND, DS1250Y-100, DS1250Y-100-IND, DS1250Y-70, DS1250Y-70-IND

### DS1386-32K [ DIP 32 ]

**Manufacturer:** Dallas Semiconductor

**Required Adapter:** None

**Variants:** DS1386-32K-120, DS1386-32K-120+

### DS1386-8K [ DIP 32 ]

**Manufacturer:** Dallas Semiconductor

**Required Adapter:** None

**Variants:** DS1386-8K-120, DS1386-8K-120+

### DS1486 [ DIP 32 ]

**Manufacturer:** Dallas Semiconductor

**Required Adapter:** None

**Variants:** DS1486-120, DS1486-120+

### DS1642 [ DIP 24 ]

**Manufacturer:** Dallas Semiconductor

**Required Adapter:** None

**Variants:** DS1642+100, DS1642+85

**DS1643 [ DIP 28 ]****Manufacturer:** Dallas Semiconductor**Required Adapter:** None**Variants:** DS1643-120, DS1643-150**DS1644 [ DIP 28 ]****Manufacturer:** Dallas Semiconductor**Required Adapter:** None**Variants:** DS1644-120, DS1644-150**DS1646 [ DIP 32 ]****Manufacturer:** Dallas Semiconductor**Required Adapter:** None**Variants:** DS1646-100, DS1646-100-IND, DS1646-70, DS1646-70-IND, DS1646-85, DS1646-85-IND**DS1650AB [ DIP 32 ]****Manufacturer:** Dallas Semiconductor**Required Adapter:** None**Variants:** DS1650AB-100, DS1650AB-100-IND, DS1650AB-70, DS1650AB-70-IND, DS1650AB-85, DS1650AB-85-IND**DS1650Y [ DIP 32 ]****Manufacturer:** Dallas Semiconductor**Required Adapter:** None**Variants:** DS1650Y-100, DS1650Y-100-IND, DS1650Y-70, DS1650Y-70-IND, DS1650Y-85, DS1650Y-85-IND

## EON

### EN27C010 [ DIP 32 ]

**Manufacturer:** EON

**Required Adapter:** None

**Variants:** EN27C010-45P, EN27C010-45PI, EN27C010-55P, EN27C010-55PI, EN27C010-70P, EN27C010-70PI, EN27C010-90P, EN27C010-90PI

### EN27C010 [ PLCC 32 ]

**Manufacturer:** EON

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** EN27C010-45J, EN27C010-45JI, EN27C010-55J, EN27C010-55JI, EN27C010-70J, EN27C010-70JI, EN27C010-90J, EN27C010-90JI

### EN27C010 [ TSOP 32 (8x20mm) ]

**Manufacturer:** EON

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** EN27C010-45T, EN27C010-45TI, EN27C010-55T, EN27C010-55TI, EN27C010-70T, EN27C010-70TI, EN27C010-90T, EN27C010-90TI

### EN27C020 [ DIP 32 ]

**Manufacturer:** EON

**Required Adapter:** None

**Variants:** EN27C020-45P, EN27C020-45PI, EN27C020-55P, EN27C020-55PI, EN27C020-70P, EN27C020-70PI, EN27C020-90P, EN27C020-90PI

### EN27C020 [ PLCC 32 ]

**Manufacturer:** EON

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** EN27C020-45J, EN27C020-45JI, EN27C020-55J, EN27C020-55JI, EN27C020-70J, EN27C020-70JI, EN27C020-90J, EN27C020-90JI

### EN27C020 [ TSOP 32 (8x20mm) ]

**Manufacturer:** EON

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** EN27C020-45T, EN27C020-45TI, EN27C020-55T, EN27C020-55TI, EN27C020-70T, EN27C020-70TI, EN27C020-90T, EN27C020-90TI

### EN27C512 [ DIP 28 ]

**Manufacturer:** EON

**Required Adapter:** None

**Variants:** EN27C512-45P, EN27C512-45PI, EN27C512-55P, EN27C512-55PI, EN27C512-70P, EN27C512-70PI, EN27C512-90P, EN27C512-90PI

### EN27C512 [ PLCC 32 ]

**Manufacturer:** EON

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** EN27C512-45J, EN27C512-45JI, EN27C512-55J, EN27C512-55JI, EN27C512-70J, EN27C512-70JI, EN27C512-90J, EN27C512-90JI

### EN27C512 [ TSOP 28 (8x14mm) ]

**Manufacturer:** EON

**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)

**Variants:** EN27C512-45T, EN27C512-45TI, EN27C512-55T, EN27C512-55TI, EN27C512-70T, EN27C512-70TI, EN27C512-90T, EN27C512-90TI

### EN29F002NB [ DIP 32 ]

**Manufacturer:** EON

**Required Adapter:** None

**Variants:** EN29F002NB-45P, EN29F002NB-45PI, EN29F002NB-55P, EN29F002NB-55PI, EN29F002NB-70P, EN29F002NB-70PI, EN29F002NB-90P, EN29F002NB-90PI

### EN29F002NB [ PLCC 32 ]

**Manufacturer:** EON

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** EN29F002NB-45J, EN29F002NB-45JI, EN29F002NB-55J, EN29F002NB-55JI, EN29F002NB-70J, EN29F002NB-70JI, EN29F002NB-90J, EN29F002NB-90JI

### EN29F002NB [ TSOP 32 (8x20mm) ]

**Manufacturer:** EON

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** EN29F002NB-45T, EN29F002NB-45TI, EN29F002NB-55T, EN29F002NB-55TI, EN29F002NB-70T, EN29F002NB-70TI, EN29F002NB-90T, EN29F002NB-90TI

**EN29F002NT [ DIP 32 ]****Manufacturer:** EON**Required Adapter:** None**Variants:** EN29F002NT-45P, EN29F002NT-45PI, EN29F002NT-55P, EN29F002NT-55PI, EN29F002NT-70P, EN29F002NT-70PI, EN29F002NT-90P, EN29F002NT-90PI**EN29F002NT [ PLCC 32 ]****Manufacturer:** EON**Required Adapter:** [PLCC32-DIP32](#)**Variants:** EN29F002NT-45J, EN29F002NT-45JI, EN29F002NT-55J, EN29F002NT-55JI, EN29F002NT-70J, EN29F002NT-70JI, EN29F002NT-90J, EN29F002NT-90JI**EN29F002NT [ TSOP 32 (8x20mm) ]****Manufacturer:** EON**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** EN29F002NT-45T, EN29F002NT-45TI, EN29F002NT-55T, EN29F002NT-55TI, EN29F002NT-70T, EN29F002NT-70TI, EN29F002NT-90T, EN29F002NT-90TI**EN29F040 [ DIP 32 ]****Manufacturer:** EON**Required Adapter:** None**Variants:** EN29F040-45P, EN29F040-45PI, EN29F040-55P, EN29F040-55PI, EN29F040-70P, EN29F040-70PI, EN29F040-90P, EN29F040-90PI**EN29F040 [ PLCC 32 ]****Manufacturer:** EON**Required Adapter:** [PLCC32-DIP32](#)**Variants:** EN29F040-45J, EN29F040-45JI, EN29F040-55J, EN29F040-55JI, EN29F040-70J, EN29F040-70JI, EN29F040-90J, EN29F040-90JI**EN29F040 [ TSOP 32 (8x20mm) ]****Manufacturer:** EON**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** EN29F040-45T, EN29F040-45TI, EN29F040-55T, EN29F040-55TI, EN29F040-70T, EN29F040-70TI, EN29F040-90T, EN29F040-90TI**EN29F040A [ DIP 32 ]****Manufacturer:** EON**Required Adapter:** None**Variants:** EN29F040A-45PC, EN29F040A-45PCP, EN29F040A-45PI, EN29F040A-45PIP, EN29F040A-55PC, EN29F040A-55PCP, EN29F040A-55PI, EN29F040A-55PIP, EN29F040A-70PC, EN29F040A-70PCP, EN29F040A-70PI, EN29F040A-70PIP, EN29F040A-90PC, EN29F040A-90PCP, EN29F040A-90PI, EN29F040A-90PIP**EN29F040A [ PLCC 32 ]****Manufacturer:** EON**Required Adapter:** [PLCC32-DIP32](#)**Variants:** EN29F040A-45JCP, EN29F040A-45JCI, EN29F040A-45JIP, EN29F040A-45JIC, EN29F040A-55JCP, EN29F040A-55JCI, EN29F040A-55JIP, EN29F040A-55JIC, EN29F040A-70JCP, EN29F040A-70JCI, EN29F040A-70JIP, EN29F040A-70JIC, EN29F040A-90JCP, EN29F040A-90JCI, EN29F040A-90JIP**EN29F040A [ TSOP 32 (8x20mm) ]****Manufacturer:** EON**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** EN29F040A-45TCP, EN29F040A-45TCP, EN29F040A-45TI, EN29F040A-45TIP, EN29F040A-55TCP, EN29F040A-55TCP, EN29F040A-55TI, EN29F040A-55TIP, EN29F040A-70TC, EN29F040A-70TCP, EN29F040A-70TI, EN29F040A-70TIP, EN29F040A-90TC, EN29F040A-90TCP, EN29F040A-90TI, EN29F040A-90TIP

## Exel Microelectronics

### XL28C64 [ DIP 28 ]

**Manufacturer:** Exel Microelectronics

**Required Adapter:** None

**Variants:** XL28C64C-120, XL28C64C-150, XL28C64C-200, XL28C64C-250, XL28C64P-120, XL28C64P-150, XL28C64P-200, XL28C64P-250

### XL28C64 [ PLCC 32 ]

**Manufacturer:** Exel Microelectronics

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** XL28C64D-120, XL28C64D-150, XL28C64D-200, XL28C64D-250

### XL28C64 [ SOIC 28 (300mil) ]

**Manufacturer:** Exel Microelectronics

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** XL28C64J-120, XL28C64J-150, XL28C64J-200, XL28C64J-250

### XLE28C64 [ DIP 28 ]

**Manufacturer:** Exel Microelectronics

**Required Adapter:** None

**Variants:** XLE28C64C-120, XLE28C64C-150, XLE28C64C-200, XLE28C64C-250, XLE28C64P-120, XLE28C64P-150, XLE28C64P-200, XLE28C64P-250

### XLE28C64 [ PLCC 32 ]

**Manufacturer:** Exel Microelectronics

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** XLE28C64D-120, XLE28C64D-150, XLE28C64D-200, XLE28C64D-250

### XLE28C64 [ SOIC 28 (300mil) ]

**Manufacturer:** Exel Microelectronics

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** XLE28C64J-120, XLE28C64J-150, XLE28C64J-200, XLE28C64J-250

### XLS2816A [ DIP 24 ]

**Manufacturer:** Exel Microelectronics

**Required Adapter:** None

**Variants:** XLS2816A-250, XLS2816A-300, XLS2816A-350, XLS2816A-450, XLS2816AC250, XLS2816AC250E2, XLS2816AC300, XLS2816AC300E2, XLS2816AC350, XLS2816AC350E2, XLS2816AC450, XLS2816AC450E2, XLS2816AJ250, XLS2816AJ300, XLS2816AJ350, XLS2816AJ450, XLS2816AP250, XLS2816AP250E2, XLS2816AP300, XLS2816AP300E2, XLS2816AP350, XLS2816AP350E2, XLS2816AP450, XLS2816AP450E2

### XLS2816A [ PLCC 32 ]

**Manufacturer:** Exel Microelectronics

**Required Adapter:** [PLCC32-DIP24](#)

**Variants:** XLS2816AD250, XLS2816AD300, XLS2816AD350, XLS2816AD450

### XLS28C64 [ DIP 28 ]

**Manufacturer:** Exel Microelectronics

**Required Adapter:** None

**Variants:** XLS28C64C-120, XLS28C64C-150, XLS28C64C-200, XLS28C64C-250, XLS28C64P-120, XLS28C64P-150, XLS28C64P-200, XLS28C64P-250

### XLS28C64 [ PLCC 32 ]

**Manufacturer:** Exel Microelectronics

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** XLS28C64D-120, XLS28C64D-150, XLS28C64D-200, XLS28C64D-250

### XLS28C64 [ SOIC 28 (300mil) ]

**Manufacturer:** Exel Microelectronics

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** XLS28C64J-120, XLS28C64J-150, XLS28C64J-200, XLS28C64J-250

## Fairchild

### FM27C010 [ DIP 32 ]

**Manufacturer:** Fairchild

**Required Adapter:** None

**Variants:** FM27C010N120, FM27C010N150, FM27C010N90, FM27C010NE120, FM27C010NE150, FM27C010NE90, FM27C010Q120, FM27C010Q150, FM27C010Q90, FM27C010QE120, FM27C010QE150, FM27C010QE90

### FM27C010 [ PLCC 32 ]

**Manufacturer:** Fairchild

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** FM27C010V120, FM27C010V150, FM27C010V90, FM27C010VE120, FM27C010VE150, FM27C010VE90

### FM27C040 [ DIP 32 ]

**Manufacturer:** Fairchild

**Required Adapter:** None

**Variants:** FM27C040-N120, FM27C040-N150, FM27C040-N90, FM27C040-NE120, FM27C040-NE150, FM27C040-NE90, FM27C040-Q120, FM27C040-Q150, FM27C040-Q90, FM27C040-QE120, FM27C040-QE150, FM27C040-QE90

### FM27C040 [ PLCC 32 ]

**Manufacturer:** Fairchild

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** FM27C040-V120, FM27C040-V150, FM27C040-V90, FM27C040-VE120, FM27C040-VE150, FM27C040-VE90

### FM27C256 [ DIP 28 ]

**Manufacturer:** Fairchild

**Required Adapter:** None

**Variants:** FM27C256-Q120, FM27C256-Q150, FM27C256-Q90, FM27C256-QE120, FM27C256-QE150, FM27C256-QE90

### FM27C256 [ PLCC 32 ]

**Manufacturer:** Fairchild

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** FM27C256-V120, FM27C256-V150, FM27C256-V90, FM27C256-VE120, FM27C256-VE150, FM27C256-VE90

### FM27C512 [ DIP 28 ]

**Manufacturer:** Fairchild

**Required Adapter:** None

**Variants:** FM27C512Q120, FM27C512Q150, FM27C512Q90, FM27C512QE120, FM27C512QE150, FM27C512QE90

### FM27C512 [ PLCC 32 ]

**Manufacturer:** Fairchild

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** FM27C512V120, FM27C512V150, FM27C512V90, FM27C512VE120, FM27C512VE150, FM27C512VE90

### NM27C010 [ DIP 32 ]

**Manufacturer:** Fairchild

**Required Adapter:** None

**Variants:** NM27C010N120, NM27C010N150, NM27C010N70, NM27C010N90, NM27C010NE120, NM27C010NE150, NM27C010NE70, NM27C010NE90, NM27C010Q120, NM27C010Q150, NM27C010Q70, NM27C010Q90, NM27C010QE120, NM27C010QE150, NM27C010QE70, NM27C010QE90

### NM27C010 [ PLCC 32 ]

**Manufacturer:** Fairchild

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** NM27C010V120, NM27C010V150, NM27C010V70, NM27C010V90, NM27C010VE120, NM27C010VE150, NM27C010VE70, NM27C010VE90

### NM27C020 [ DIP 32 ]

**Manufacturer:** Fairchild

**Required Adapter:** None

**Variants:** NM27C020N-100, NM27C020N-120, NM27C020N-150, NM27C020NE-100, NM27C020NE-120, NM27C020NE-150, NM27C020Q-100, NM27C020Q-120, NM27C020Q-150, NM27C020QE-100, NM27C020QE-120, NM27C020QE-150

### NM27C020 [ PLCC 32 ]

**Manufacturer:** Fairchild

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** NM27C020V-100, NM27C020V-120, NM27C020V-150, NM27C020VE-100, NM27C020VE-120, NM27C020VE-150

### NM27C040 [ DIP 32 ]

**Manufacturer:** Fairchild

**Required Adapter:** None

**Variants:** NM27C040-N120, NM27C040-N150, NM27C040-NE150, NM27C040-Q120, NM27C040-Q150, NM27C040-QE150

**NM27C040 [ PLCC 32 ]****Manufacturer:** Fairchild**Required Adapter:** [PLCC32-DIP32](#)**Variants:** NM27C040-V120, NM27C040-V150, NM27C040-VE150**NM27C128 [ DIP 28 ]****Manufacturer:** Fairchild**Required Adapter:** None**Variants:** NM27C128-N120, NM27C128-N150, NM27C128-N200, NM27C128-N90, NM27C128-NE120, NM27C128-NE150, NM27C128-NE200, NM27C128-Q120, NM27C128-Q150, NM27C128-Q200, NM27C128-Q90, NM27C128-QE120, NM27C128-QE150, NM27C128-QE200**NM27C128 [ PLCC 32 ]****Manufacturer:** Fairchild**Required Adapter:** [PLCC32-DIP28](#)**Variants:** NM27C128-V120, NM27C128-V150, NM27C128-V200, NM27C128-V90, NM27C128-VE120, NM27C128-VE150, NM27C128-VE200**NM27C256 [ DIP 28 ]****Manufacturer:** Fairchild**Required Adapter:** None**Variants:** NM27C256-N100, NM27C256-N120, NM27C256-N150, NM27C256-N200, NM27C256-N90, NM27C256-NE120, NM27C256-NE150, NM27C256-NE200, NM27C256-Q100, NM27C256-Q120, NM27C256-Q150, NM27C256-Q200, NM27C256-Q90, NM27C256-QE120, NM27C256-QE150, NM27C256-QE200**NM27C256 [ PLCC 32 ]****Manufacturer:** Fairchild**Required Adapter:** [PLCC32-DIP28](#)**Variants:** NM27C256-V100, NM27C256-V120, NM27C256-V150, NM27C256-V200, NM27C256-V90, NM27C256-VE120, NM27C256-VE150, NM27C256-VE200**NMC27C128B [ DIP 28 ]****Manufacturer:** Fairchild**Required Adapter:** None**Variants:** NMC27C128B-Q15, NMC27C128B-Q150, NMC27C128B-Q20, NMC27C128B-Q200, NMC27C128B-Q25, NMC27C128B-Q250

## Fujitsu

### MB7132E (read only) [ DIP 24 ]

**Manufacturer:** Fujitsu  
**Required Adapter:** None  
**Variants:** MB7132E-

### MBM27128 (21V) [ DIP 28 ]

**Manufacturer:** Fujitsu  
**Required Adapter:** None  
**Variants:** MBM27128-20, MBM27128-20Z, MBM27128-25, MBM27128-25-X, MBM27128-25X-Z, MBM27128-25Z, MBM27128-30, MBM27128-30-X

### MBM27128 (21V) [ PLCC 32 ]

**Manufacturer:** Fujitsu  
**Required Adapter:** [PLCC32-DIP28](#)  
**Variants:** MBM27128-20CV, MBM27128-25CV

### MBM2716 (read only) [ DIP 24 ]

**Manufacturer:** Fujitsu  
**Required Adapter:** None  
**Variants:** MBM2716, MBM2716-X, MBM2716H

### MBM27256 (12.5V) [ DIP 28 ]

**Manufacturer:** Fujitsu  
**Required Adapter:** None  
**Variants:** MBM27256-17, MBM27256-17CV, MBM27256-17Z, MBM27256-20, MBM27256-20CV, MBM27256-20XZ, MBM27256-20Z, MBM27256-25, MBM27256-25CV, MBM27256-25X, MBM27256-25XZ, MBM27256-25Z, MBM27256-30, MBM27256-30W, MBM27256-30WZ, MBM27256-30X, MBM27256-30XZ, MBM27256-30Z, MBM27256P-25

### MBM2732A (21V) [ DIP 24 ]

**Manufacturer:** Fujitsu  
**Required Adapter:** None  
**Variants:** MBM2732A-20, MBM2732A-20Z, MBM2732A-25, MBM2732A-25Z, MBM2732A-30, MBM2732A-30-FC8, MBM2732A-30WZ, MBM2732A-30XZ, MBM2732A-35

### MBM2764 (21V) [ DIP 28 ]

**Manufacturer:** Fujitsu  
**Required Adapter:** None  
**Variants:** MBM2764-20, MBM2764-25, MBM2764-30

### MBM2764 (21V) [ PLCC 32 ]

**Manufacturer:** Fujitsu  
**Required Adapter:** [PLCC32-DIP28](#)  
**Variants:** MBM2764-20, MBM2764-25, MBM2764-30

### MBM27C1001 [ DIP 32 ]

**Manufacturer:** Fujitsu  
**Required Adapter:** None  
**Variants:** MBM27C1001-10B1, MBM27C1001-10B3, MBM27C1001-10B6, MBM27C1001-10F1, MBM27C1001-10F3, MBM27C1001-10F6, MBM27C1001-12B1, MBM27C1001-12B3, MBM27C1001-12B6, MBM27C1001-12F1, MBM27C1001-12F3, MBM27C1001-12F6, MBM27C1001-15B1, MBM27C1001-15B3, MBM27C1001-15B6, MBM27C1001-15F1, MBM27C1001-15F3, MBM27C1001-15F6, MBM27C1001-20B1, MBM27C1001-20B3, MBM27C1001-20B6, MBM27C1001-20F1, MBM27C1001-20F3, MBM27C1001-20F6, MBM27C1001-25B1, MBM27C1001-25B3, MBM27C1001-25B6, MBM27C1001-25F1, MBM27C1001-25F3, MBM27C1001-25F6, MBM27C1001-45B1, MBM27C1001-45B3, MBM27C1001-45B6, MBM27C1001-45F1, MBM27C1001-45F3, MBM27C1001-45F6, MBM27C1001-60B1, MBM27C1001-60B3, MBM27C1001-60B6, MBM27C1001-60F1, MBM27C1001-60F3, MBM27C1001-60F6, MBM27C1001-70B1, MBM27C1001-70B3, MBM27C1001-70B6, MBM27C1001-70F1, MBM27C1001-70F3, MBM27C1001-70F6, MBM27C1001-80B1, MBM27C1001-80B3, MBM27C1001-80B6, MBM27C1001-80F1, MBM27C1001-80F3, MBM27C1001-80F6, MBM27C1001-90B1, MBM27C1001-90B3, MBM27C1001-90B6, MBM27C1001-90F1, MBM27C1001-90F3, MBM27C1001-90F6

### MBM27C1001 [ PLCC 32 ]

**Manufacturer:** Fujitsu  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** MBM27C1001-10C1, MBM27C1001-10C3, MBM27C1001-10C6, MBM27C1001-12C1, MBM27C1001-12C3, MBM27C1001-12C6, MBM27C1001-15C1, MBM27C1001-15C3, MBM27C1001-15C6, MBM27C1001-20C1, MBM27C1001-20C3, MBM27C1001-20C6, MBM27C1001-25C1, MBM27C1001-25C3, MBM27C1001-25C6, MBM27C1001-45C1, MBM27C1001-45C3, MBM27C1001-45C6, MBM27C1001-60C1, MBM27C1001-60C3, MBM27C1001-60C6, MBM27C1001-70C1, MBM27C1001-70C3, MBM27C1001-70C6, MBM27C1001-80C1, MBM27C1001-80C3, MBM27C1001-80C6, MBM27C1001-90C1, MBM27C1001-90C3, MBM27C1001-90C6



**MBM27C1001 [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Fujitsu

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** MBM27C1001-10N1, MBM27C1001-10N3, MBM27C1001-10N6, MBM27C1001-12N1, MBM27C1001-12N3, MBM27C1001-12N6, MBM27C1001-15N1, MBM27C1001-15N3, MBM27C1001-15N6, MBM27C1001-20N1, MBM27C1001-20N3, MBM27C1001-20N6, MBM27C1001-25N1, MBM27C1001-25N3, MBM27C1001-25N6, MBM27C1001-45N1, MBM27C1001-45N3, MBM27C1001-45N6, MBM27C1001-60N1, MBM27C1001-60N3, MBM27C1001-60N6, MBM27C1001-70N1, MBM27C1001-70N3, MBM27C1001-70N6, MBM27C1001-80N1, MBM27C1001-80N3, MBM27C1001-80N6, MBM27C1001-90N1, MBM27C1001-90N3, MBM27C1001-90N6

**MBM27C128 [ DIP 28 ]**

**Manufacturer:** Fujitsu

**Required Adapter:** None

**Variants:** MBM27C128-N120, MBM27C128-N150, MBM27C128-N200, MBM27C128-N90, MBM27C128-NE120, MBM27C128-NE150, MBM27C128-NE200, MBM27C128-Q120, MBM27C128-Q150, MBM27C128-Q200, MBM27C128-Q90, MBM27C128-QE120, MBM27C128-QE150, MBM27C128-QE200

**MBM27C128 [ PLCC 32 ]**

**Manufacturer:** Fujitsu

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** MBM27C128-V120, MBM27C128-V150, MBM27C128-V200, MBM27C128-V90, MBM27C128-VE120, MBM27C128-VE150, MBM27C128-VE200

**MBM27C256 [ DIP 28 ]**

**Manufacturer:** Fujitsu

**Required Adapter:** None

**Variants:** MBM27C256-15, MBM27C256-20, MBM27C256-25

**MBM27C256A [ DIP 28 ]**

**Manufacturer:** Fujitsu

**Required Adapter:** None

**Variants:** MBM27C256A-15, MBM27C256A-15-Z, MBM27C256A-17, MBM27C256A-17-Z, MBM27C256A-20, MBM27C256A-20-XGT, MBM27C256A-25, MBM27C256A-25-XGT

**MBM27C256A [ PLCC 32 ]**

**Manufacturer:** Fujitsu

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** MBM27C256A-15-TV, MBM27C256A-17-TV

**MBM27C512 [ DIP 28 ]**

**Manufacturer:** Fujitsu

**Required Adapter:** None

**Variants:** MBM27C512-Z

**MBM27C512 [ PLCC 32 ]**

**Manufacturer:** Fujitsu

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** MBM27C512-TV

**MBM27C64 [ DIP 28 ]**

**Manufacturer:** Fujitsu

**Required Adapter:** None

**Variants:** MBM27C64-20, MBM27C64-20Z, MBM27C64-25, MBM27C64-25Z, MBM27C64-30, MBM27C64-30Z

**MBM27C64 [ PLCC 32 ]**

**Manufacturer:** Fujitsu

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** MBM27C64-20CV, MBM27C64-25CV, MBM27C64-30CV

**MBM28C64 [ DIP 28 ]**

**Manufacturer:** Fujitsu

**Required Adapter:** None

**Variants:** MBM28C64-25P, MBM28C64-25Z, MBM28C64-35P, MBM28C64-35Z

**MBM29F002BC [ PLCC 32 ]**

**Manufacturer:** Fujitsu

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** MBM29F002BC-55PD, MBM29F002BC-70PD, MBM29F002BC-90PD

**MBM29F002BC [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Fujitsu

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** MBM29F002BC-55PFTN, MBM29F002BC-70PFTN, MBM29F002BC-90PFTN

**MBM29F002TC [ PLCC 32 ]**

**Manufacturer:** Fujitsu

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** MBM29F002TC-55PD, MBM29F002TC-70PD, MBM29F002TC-90PD

**MBM29F002TC [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Fujitsu

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** MBM29F002TC-55PFTN, MBM29F002TC-70PFTN, MBM29F002TC-90PFTN

**MBM29F040C [ PLCC 32 ]**

**Manufacturer:** Fujitsu

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** MBM29F040C-55PD, MBM29F040C-70PD, MBM29F040C-90PD

**MBM29F040C [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Fujitsu

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** MBM29F040C-55PFTN, MBM29F040C-70PFTN, MBM29F040C-90PFTN

## General (GI)

### 27128 (12.5V) [ DIP 28 ]

**Manufacturer:** General (GI)  
**Required Adapter:** None  
**Variants:** 27128-20

### 27C128 [ DIP 28 ]

**Manufacturer:** General (GI)  
**Required Adapter:** None  
**Variants:** 27C128-12, 27C128-12I, 27C128-12IR, 27C128-12M, 27C128-12MR, 27C128-12R, 27C128-15, 27C128-15I, 27C128-15IR, 27C128-15M, 27C128-15MR, 27C128-15R, 27C128-17, 27C128-17I, 27C128-17IR, 27C128-17M, 27C128-17MR, 27C128-17R, 27C128-20, 27C128-20I, 27C128-20IR, 27C128-20M, 27C128-20MR, 27C128-20R, 27C128-25, 27C128-25I, 27C128-25IR, 27C128-25M, 27C128-25MR, 27C128-25R

### 27C128 [ PLCC 32 ]

**Manufacturer:** General (GI)

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** 27C128-12IKB, 27C128-12IRKA, 27C128-12KB, 27C128-12MKB, 27C128-12MRKA, 27C128-12RKA, 27C128-15IKB, 27C128-15IRKA, 27C128-15KB, 27C128-15MKB, 27C128-15MRKA, 27C128-15RKA, 27C128-17IKB, 27C128-17IRKA, 27C128-17KB, 27C128-17MKB, 27C128-17MRKA, 27C128-17RKA, 27C128-20IKB, 27C128-20IRKA, 27C128-20KB, 27C128-20MKB, 27C128-20MRKA, 27C128-20RKA, 27C128-25IKB, 27C128-25IRKA, 27C128-25KB, 27C128-25MKB, 27C128-25MRKA, 27C128-25RKA

### 27C512 [ DIP 28 ]

**Manufacturer:** General (GI)

**Required Adapter:** None

**Variants:** 27C512-12, 27C512-12/D, 27C512-12/P, 27C512-12I, 27C512-12I/D, 27C512-12I/P, 27C512-12IR, 27C512-12IR/D, 27C512-12IR/P, 27C512-12M, 27C512-12M/D, 27C512-12M/P, 27C512-12MR, 27C512-12MR/D, 27C512-12MR/P, 27C512-12R, 27C512-12R/D, 27C512-12R/P, 27C512-15, 27C512-15/D, 27C512-15/P, 27C512-15I, 27C512-15I/D, 27C512-15I/P, 27C512-15IR, 27C512-15IR/D, 27C512-15IR/P, 27C512-15M, 27C512-15M/D, 27C512-15M/P, 27C512-15MR, 27C512-15MR/D, 27C512-15MR/P, 27C512-15R, 27C512-15R/D, 27C512-15R/P, 27C512-17, 27C512-17/D, 27C512-17/P, 27C512-17I, 27C512-17I/D, 27C512-17I/P, 27C512-17IR, 27C512-17IR/D, 27C512-17IR/P, 27C512-17M, 27C512-17M/D, 27C512-17M/P, 27C512-17MR, 27C512-17MR/D, 27C512-17MR/P, 27C512-17R, 27C512-17R/D, 27C512-17R/P, 27C512-20, 27C512-20/D, 27C512-20/P, 27C512-20I, 27C512-20I/D, 27C512-20I/P, 27C512-20IR, 27C512-20IR/D, 27C512-20IR/P, 27C512-20M, 27C512-20M/D, 27C512-20M/P, 27C512-20MR, 27C512-20MR/D, 27C512-20MR/P, 27C512-20R, 27C512-20R/D, 27C512-20R/P, 27C512-25, 27C512-25/D, 27C512-25/P, 27C512-25I, 27C512-25I/D, 27C512-25I/P, 27C512-25IR, 27C512-25IR/D, 27C512-25IR/P, 27C512-25M, 27C512-25M/D, 27C512-25M/P, 27C512-25MR, 27C512-25MR/D, 27C512-25MR/P, 27C512-25R, 27C512-25R/D, 27C512-25R/P

### 27C512 [ PLCC 32 ]

**Manufacturer:** General (GI)

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** 27C512-12/KA, 27C512-12/KB, 27C512-12/L, 27C512-12I/KA, 27C512-12I/KB, 27C512-12I/L, 27C512-12IR/KA, 27C512-12IR/KB, 27C512-12IR/L, 27C512-12M/KA, 27C512-12M/KB, 27C512-12M/L, 27C512-12MR/KA, 27C512-12MR/KB, 27C512-12MR/L, 27C512-12R/KA, 27C512-12R/KB, 27C512-12R/L, 27C512-15/KA, 27C512-15/KB, 27C512-15/L, 27C512-15I/KA, 27C512-15I/KB, 27C512-15I/L, 27C512-15IR/KA, 27C512-15IR/KB, 27C512-15IR/L, 27C512-15M/KA, 27C512-15M/KB, 27C512-15M/L, 27C512-15MR/KA, 27C512-15MR/KB, 27C512-15MR/L, 27C512-15R/KA, 27C512-15R/KB, 27C512-15R/L, 27C512-17/KA, 27C512-17/KB, 27C512-17/L, 27C512-17I/KA, 27C512-17I/KB, 27C512-17I/L, 27C512-17IR/KA, 27C512-17IR/KB, 27C512-17IR/L, 27C512-17M/KA, 27C512-17M/KB, 27C512-17M/L, 27C512-17MR/KA, 27C512-17MR/KB, 27C512-17MR/L, 27C512-17R/KA, 27C512-17R/KB, 27C512-17R/L, 27C512-20/KA, 27C512-20/KB, 27C512-20/L, 27C512-20I/KA, 27C512-20I/KB, 27C512-20I/L, 27C512-20IR/KA, 27C512-20IR/KB, 27C512-20IR/L, 27C512-20M/KA, 27C512-20M/KB, 27C512-20M/L, 27C512-20MR/KA, 27C512-20MR/KB, 27C512-20MR/L, 27C512-20R/KA, 27C512-20R/KB, 27C512-20R/L, 27C512-25/KA, 27C512-25/KB, 27C512-25/L, 27C512-25I/KA, 27C512-25I/KB, 27C512-25I/L, 27C512-25IR/KA, 27C512-25IR/KB, 27C512-25IR/L, 27C512-25M/KA, 27C512-25M/KB, 27C512-25M/L, 27C512-25MR/KA, 27C512-25MR/KB, 27C512-25MR/L, 27C512-25R/KA, 27C512-25R/KB, 27C512-25R/L

### 28C64 [ DIP 28 ]

**Manufacturer:** General (GI)

**Required Adapter:** None

**Variants:** 28C6415, 28C6415/D, 28C6415/J, 28C6415I, 28C6415I/D, 28C6415I/J, 28C6415IR, 28C6415IR/D, 28C6415IR/J, 28C6415M, 28C6415M/D, 28C6415M/J, 28C6415MR, 28C6415MR/D, 28C6415MR/J, 28C6420, 28C6420/D, 28C6420/J, 28C6420I, 28C6420I/D, 28C6420I/J, 28C6420IR, 28C6420IR/D, 28C6420IR/J, 28C6420M, 28C6420M/D, 28C6420M/J, 28C6420MR, 28C6420MR/D, 28C6420MR/J, 28C6425, 28C6425/D, 28C6425/J, 28C6425I, 28C6425I/D, 28C6425I/J, 28C6425IR, 28C6425IR/D, 28C6425IR/J, 28C6425M, 28C6425M/D, 28C6425M/J, 28C6425MR, 28C6425MR/D, 28C6425MR/J, 28C64F15, 28C64F15/D, 28C64F15/J, 28C64F15I, 28C64F15I/D, 28C64F15I/J, 28C64F15IR, 28C64F15IR/D, 28C64F15IR/J, 28C64F15M, 28C64F15M/D, 28C64F15M/J, 28C64F15MR, 28C64F15MR/D, 28C64F15MR/J, 28C64F20, 28C64F20/D, 28C64F20/J, 28C64F20I, 28C64F20I/D, 28C64F20I/J, 28C64F20IR, 28C64F20IR/D, 28C64F20IR/J, 28C64F20M, 28C64F20M/D, 28C64F20M/J, 28C64F20MR, 28C64F20MR/D, 28C64F20MR/J, 28C64F25, 28C64F25/D, 28C64F25/J, 28C64F25I, 28C64F25I/D, 28C64F25I/J, 28C64F25IR, 28C64F25IR/D, 28C64F25IR/J, 28C64F25M, 28C64F25M/D, 28C64F25M/J, 28C64F25MR, 28C64F25MR/D, 28C64F25MR/J

**28C64 [ PLCC 32 ]****Manufacturer:** General (GI)**Required Adapter:** [PLCC32-DIP28](#)**Variants:** 28C6415/K, 28C6415/L, 28C6415I/K, 28C6415I/L, 28C6415IR/K, 28C6415IR/L, 28C6415M/K, 28C6415M/L, 28C6415MR/K, 28C6415MR/L, 28C6420/K, 28C6420/L, 28C6420I/K, 28C6420I/L, 28C6420IR/K, 28C6420IR/L, 28C6420M/K, 28C6420M/L, 28C6420MR/K, 28C6420MR/L, 28C6425/K, 28C6425/L, 28C6425I/K, 28C6425I/L, 28C6425IR/K, 28C6425IR/L, 28C6425M/K, 28C6425M/L, 28C6425MR/K, 28C6425MR/L, 28C64F15/K, 28C64F15/L, 28C64F15I/K, 28C64F15I/L, 28C64F15IR/K, 28C64F15IR/L, 28C64F15M/K, 28C64F15M/L, 28C64F15MR/K, 28C64F15MR/L, 28C64F20/K, 28C64F20/L, 28C64F20I/K, 28C64F20I/L, 28C64F20IR/K, 28C64F20IR/L, 28C64F20M/K, 28C64F20M/L, 28C64F20MR/K, 28C64F20MR/L, 28C64F25/K, 28C64F25/L, 28C64F25I/K, 28C64F25I/L, 28C64F25IR/K, 28C64F25IR/L, 28C64F25M/K, 28C64F25M/L, 28C64F25MR/K, 28C64F25MR/L**28C64X [ DIP 28 ]****Manufacturer:** General (GI)**Required Adapter:** None**Variants:** 28C64X15, 28C64X15/D, 28C64X15/J, 28C64X15I, 28C64X15I/D, 28C64X15I/J, 28C64X15IR, 28C64X15IR/D, 28C64X15IR/J, 28C64X15M, 28C64X15M/D, 28C64X15M/J, 28C64X15MR, 28C64X15MR/D, 28C64X15MR/J, 28C64X20, 28C64X20/D, 28C64X20/J, 28C64X20I, 28C64X20I/D, 28C64X20I/J, 28C64X20IR, 28C64X20IR/D, 28C64X20IR/J, 28C64X20M, 28C64X20M/D, 28C64X20M/J, 28C64X20MR, 28C64X20MR/D, 28C64X20MR/J, 28C64X25, 28C64X25/D, 28C64X25/J, 28C64X25I, 28C64X25I/D, 28C64X25I/J, 28C64X25IR, 28C64X25IR/D, 28C64X25IR/J, 28C64X25M, 28C64X25M/D, 28C64X25M/J, 28C64X25MR, 28C64X25MR/D, 28C64X25MR/J**28C64X [ PLCC 32 ]****Manufacturer:** General (GI)**Required Adapter:** [PLCC32-DIP28](#)**Variants:** 28C64X15/K, 28C64X15/L, 28C64X15I/K, 28C64X15I/L, 28C64X15IR/K, 28C64X15IR/L, 28C64X15M/K, 28C64X15M/L, 28C64X15MR/K, 28C64X15MR/L, 28C64X20/K, 28C64X20/L, 28C64X20I/K, 28C64X20I/L, 28C64X20IR/K, 28C64X20IR/L, 28C64X20M/K, 28C64X20M/L, 28C64X20MR/K, 28C64X20MR/L, 28C64X25/K, 28C64X25/L, 28C64X25I/K, 28C64X25I/L, 28C64X25IR/K, 28C64X25IR/L, 28C64X25M/K, 28C64X25M/L, 28C64X25MR/K, 28C64X25MR/L

## Generic

### 2564 (25V) [ DIP 24 ]

Manufacturer: Generic  
Required Adapter: None  
Variants: 2564-

### 27128 (21V/5V) [ DIP 28 ]

Manufacturer: Generic  
Required Adapter: None  
Variants: 27128-

### 27128 (21V/5V) [ PLCC 32 ]

Manufacturer: Generic  
Required Adapter: [PLCC32-DIP28](#)  
Variants: 27128-

### 27128 (21V/6V) [ DIP 28 ]

Manufacturer: Generic  
Required Adapter: None  
Variants: 27128-

### 27128 (21V/6V) [ PLCC 32 ]

Manufacturer: Generic  
Required Adapter: [PLCC32-DIP28](#)  
Variants: 27128-

### 27128A (12.5V) [ DIP 28 ]

Manufacturer: Generic  
Required Adapter: None  
Variants: 27128A-

### 27128A (12.5V) [ PLCC 32 ]

Manufacturer: Generic  
Required Adapter: [PLCC32-DIP28](#)  
Variants: 27128A-

### 27256 (12.5V) [ DIP 28 ]

Manufacturer: Generic  
Required Adapter: None  
Variants: 27256-

### 27256 (21V) [ DIP 28 ]

Manufacturer: Generic  
Required Adapter: None  
Variants: 27256-

### 2732 (25V) [ DIP 24 ]

Manufacturer: Generic  
Required Adapter: None  
Variants: 2732-

### 2732A (21V) [ DIP 24 ]

Manufacturer: Generic  
Required Adapter: None  
Variants: 2732A-

### 2732B (12.5V) [ DIP 24 ]

Manufacturer: Generic  
Required Adapter: None  
Variants: 2732B-

### 2732B (12.5V) [ PLCC 32 ]

Manufacturer: Generic  
Required Adapter: [PLCC32-DIP24](#)  
Variants: 2732B-

### 27512 (12.5V) [ DIP 28 ]

Manufacturer: Generic  
Required Adapter: None  
Variants: 27512-

**27512 (12.5V) [ PLCC 32 ]**

Manufacturer: Generic

Required Adapter: [PLCC32-DIP28](#)

Variants: 27512-

**2764 (12.5V) [ DIP 28 ]**

Manufacturer: Generic

Required Adapter: None

Variants: 2764-

**2764 (12.5V) [ PLCC 32 ]**

Manufacturer: Generic

Required Adapter: [PLCC32-DIP28](#)

Variants: 2764-

**2764 (21V/5V) [ DIP 28 ]**

Manufacturer: Generic

Required Adapter: None

Variants: 2764-

**2764 (21V/5V) [ PLCC 32 ]**

Manufacturer: Generic

Required Adapter: [PLCC32-DIP28](#)

Variants: 2764-

**2764 (21V/6V) [ DIP 28 ]**

Manufacturer: Generic

Required Adapter: None

Variants: 2764-

**2764 (21V/6V) [ PLCC 32 ]**

Manufacturer: Generic

Required Adapter: [PLCC32-DIP28](#)

Variants: 2764-

**27C512 (read only) (slow) [ DIP 28 ]**

Manufacturer: Generic

Required Adapter: None

Variants: 27C512

**27C512 (read only) (slow) [ PLCC 32 ]**

Manufacturer: Generic

Required Adapter: [PLCC32-DIP28](#)

Variants: 27C512

## Greenliant

### GLS27SF010 [ DIP 32 ]

**Manufacturer:** Greenliant

**Required Adapter:** None

**Variants:** GLS27SF010-70-3C-PH, GLS27SF010-70-3C-PHE

### GLS27SF010 [ PLCC 32 ]

**Manufacturer:** Greenliant

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** GLS27SF010-70-3C-NH, GLS27SF010-70-3C-NHE, GLS27SF010-70-3I-NH

### GLS27SF010 [ TSOP 32 (8x14mm) ]

**Manufacturer:** Greenliant

**Required Adapter:** [TSOP32\(8x14mm\)-DIP32](#)

**Variants:** GLS27SF010-70-3C-WH, GLS27SF010-70-3C-WHE, GLS27SF010-70-3I-WH

### GLS27SF020 [ DIP 32 ]

**Manufacturer:** Greenliant

**Required Adapter:** None

**Variants:** GLS27SF020-70-3C-PH, GLS27SF020-70-3C-PHE

### GLS27SF020 [ PLCC 32 ]

**Manufacturer:** Greenliant

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** GLS27SF020-70-3C-NH, GLS27SF020-70-3C-NHE, GLS27SF020-70-3I-NH

### GLS27SF020 [ TSOP 32 (8x14mm) ]

**Manufacturer:** Greenliant

**Required Adapter:** [TSOP32\(8x14mm\)-DIP32](#)

**Variants:** GLS27SF020-70-3C-WH, GLS27SF020-70-3C-WHE, GLS27SF020-70-3I-WH

### GLS27SF512 [ DIP 28 ]

**Manufacturer:** Greenliant

**Required Adapter:** None

**Variants:** GLS27SF512-70-3C-PG, GLS27SF512-70-3C-PGE

### GLS27SF512 [ PLCC 32 ]

**Manufacturer:** Greenliant

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** GLS27SF512-70-3C-NH, GLS27SF512-70-3C-NHE, GLS27SF512-70-3I-NH

### GLS29EE010 [ DIP 32 ]

**Manufacturer:** Greenliant

**Required Adapter:** None

**Variants:** GLS29EE010-70-4C-PHE

### GLS29EE010 [ PLCC 32 ]

**Manufacturer:** Greenliant

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** GLS29EE010-70-4C-NHE, GLS29EE010-70-4I-NHE, GLS29EE010-90-4C-NHE

### GLS29EE010 [ TSOP 32 (8x14mm) ]

**Manufacturer:** Greenliant

**Required Adapter:** [TSOP32\(8x14mm\)-DIP32](#)

**Variants:** GLS29EE010-70-4C-WHE, GLS29EE010-70-4I-WHE, GLS29EE010-90-4C-WHE

### GLS29EE010 [ TSOP 32 (8x20mm) ]

**Manufacturer:** Greenliant

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** GLS29EE010-70-4C-EHE, GLS29EE010-70-4I-EHE, GLS29EE010-90-4C-EHE

### GLS29EE512 [ DIP 32 ]

**Manufacturer:** Greenliant

**Required Adapter:** None

**Variants:** GLS29EE512-70-4C-PH, GLS29EE512-70-4C-PHE

### GLS29EE512 [ PLCC 32 ]

**Manufacturer:** Greenliant

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** GLS29EE512-70-4C-NH, GLS29EE512-70-4C-NHE, GLS29EE512-70-4I-NH, GLS29EE512-70-4I-NHE

Image not found.

**GLS29EE512 [ TSOP 32 (8x14mm) ]**

**Manufacturer:** Greenliant

**Required Adapter:** [TSOP32\(8x14mm\)-DIP32](#)

**Variants:** GLS29EE512-70-4C-WH, GLS29EE512-70-4C-WHE, GLS29EE512-70-4I-WH, GLS29EE512-70-4I-WHE

**GLS29EE512 [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Greenliant

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** GLS29EE512-70-4C-EH, GLS29EE512-70-4C-EHE, GLS29EE512-70-4I-EH, GLS29EE512-70-4I-EHE



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## Greenwich Instruments

### **GR281 [ DIP 24 ]**

**Manufacturer:** Greenwich Instruments

**Required Adapter:** None

**Variants:** GR281-

### **GR3281 [ DIP 28 ]**

**Manufacturer:** Greenwich Instruments

**Required Adapter:** None

**Variants:** GR3281-

### **GR881 [ DIP 28 ]**

**Manufacturer:** Greenwich Instruments

**Required Adapter:** None

**Variants:** GR881-

## Hitachi Semiconductor

### HN27128 (12.5V) [ DIP 28 ]

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN27128AG-17, HN27128AG-20, HN27128AG-25, HN27128AG-30

### HN27256G (12.5V) [ DIP 28 ]

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN27256G-25, HN27256G-30

### HN27512 (12.5V) [ DIP 28 ]

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN27512G-25, HN27512G-30, HN27512P-25, HN27512P-30

### HN2764G (12.5V) [ DIP 28 ]

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN2764G-20, HN2764G-25, HN2764G-30

### HN27C101 [ DIP 32 ]

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN27C101-10, HN27C101-12, HN27C101-15, HN27C101-20, HN27C101AG-10, HN27C101AG-12, HN27C101AG-15, HN27C101AG-20, HN27C101AP-12, HN27C101AP-15, HN27C101AP-20

### HN27C101 [ SOIC 32 (450mil) ]

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [SOIC32\(450mil\)-DIP32](#)

**Variants:** HN27C101AFP-12, HN27C101AFP-15, HN27C101AFP-20

### HN27C101 [ TSOP 32 (8x20mm) ]

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** HN27C101ATT-12, HN27C101ATT-15, HN27C101ATT-20

### HN27C101G [ DIP 32 ]

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN27C101G-10, HN27C101G-12, HN27C101G-15, HN27C101G-20, HN27C101GAG-10, HN27C101GAG-12, HN27C101GAG-15, HN27C101GAG-20, HN27C101GAP-12, HN27C101GAP-15, HN27C101GAP-20

### HN27C101G [ SOIC 32 (450mil) ]

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [SOIC32\(450mil\)-DIP32](#)

**Variants:** HN27C101GAFP-12, HN27C101GAFP-15, HN27C101GAFP-20

### HN27C101G [ TSOP 32 (8x20mm) ]

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** HN27C101GATT-12, HN27C101GATT-15, HN27C101GATT-20

### HN27C256A [ DIP 28 ]

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN27C256AG-10, HN27C256AG-12, HN27C256AP-12, HN27C256AP-15

### HN27C256A [ SOIC 28 (300mil) ]

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** HN27C256AFP-12T, HN27C256AFP-15T

### HN27C256G [ DIP 28 ]

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN27C256G-20

**HN27C256H [ DIP 28 ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN27C256HG-70, HN27C256HG-85, HN27C256HP-10, HN27C256HP-85

**HN27C256H [ SOIC 28 (300mil) ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** HN27C256HFP-10T, HN27C256HFP-85T

**HN27C512 [ DIP 28 ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN27C512G-17, HN27C512G-20

**HN27C64G [ DIP 28 ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN27C64G-20

**HN462716 (read only) [ DIP 24 ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN462716G

**HN462732 (25V) [ DIP 24 ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN462732G-20, HN462732G-30

**HN4827128 (21V) [ DIP 28 ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN4827128AG-20, HN4827128AG-25, HN4827128AG-30, HN4827128G-25, HN4827128G-30, HN4827128G-45, HN4827128P-25, HN4827128P-30

**HN482732A (21V) [ DIP 24 ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN482732AG-20, HN482732AG-30

**HN482764 (21V) [ DIP 28 ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN482764G, HN482764G-2, HN482764G-3

**HN58064 [ DIP 28 ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN58064P-25, HN58064P-30

**HN58C1001 [ DIP 32 ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN58C1001P-15

**HN58C1001 [ SOIC 32 (450mil) ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [SOIC32\(450mil\)-DIP32](#)

**Variants:** HN58C1001FP-15

**HN58C1001 [ TSOP 32 (8x14mm) ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [TSOP32\(8x14mm\)-DIP32](#)

**Variants:** HN58C1001T-15

**HN58C256A [ DIP 28 ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN58C256AP-10, HN58C256AP-85

**HN58C256A [ SOIC 28 (450mil) ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [SOIC28\(450mil\)-DIP28](#)

**Variants:** HN58C256AFP-10, HN58C256AFP-85

**HN58C256A [ TSOP 28 (8x14mm) ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)

**Variants:** HN58C256AT-10, HN58C256AT-85

**HN58C65 [ DIP 28 ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN58C65P-25

**HN58C65 [ SOIC 28 (300mil) ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** HN58C65FP-25

**HN58C66 [ DIP 28 ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN58C66P-25

**HN58C66 [ SOIC 28 (300mil) ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** HN58C66FP-25

**HN58V65A [ DIP 28 ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN58V65AP-10

**HN58V65A [ SOIC 28 (300mil) ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** HN58V65AFP-10

**HN58V65A [ TSOP 28 (8x20mm) ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [TSOP28\(8x20mm\)-DIP28](#)

**Variants:** HN58V65AT-10

**HN58V66A [ DIP 28 ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN58V66AP-10

**HN58V66A [ SOIC 28 (300mil) ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** HN58V66AFP-10

**HN58V66A [ TSOP 28 (8x20mm) ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [TSOP28\(8x20mm\)-DIP28](#)

**Variants:** HN58V66AT-10

**HN61364P [ DIP 28 ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN61364PP-25

**HN61364P [ SOIC 28 (300mil) ]**

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** HN61364PP-25

## Holtek

### HT27C010 [ DIP 32 ]

**Manufacturer:** Holtek

**Required Adapter:** None

**Variants:** HT27C010-120, HT27C010-70, HT27C010-90

### HT27C010 [ PLCC 32 ]

**Manufacturer:** Holtek

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** HT27C010-120, HT27C010-70, HT27C010-90

### HT27C040 [ DIP 32 ]

**Manufacturer:** Holtek

**Required Adapter:** None

**Variants:** HT27C040-

### HT27C040 [ PLCC 32 ]

**Manufacturer:** Holtek

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** HT27C040-

### HT27C040 [ SOIC 32 (450mil) ]

**Manufacturer:** Holtek

**Required Adapter:** [SOIC32\(450mil\)-DIP32](#)

**Variants:** HT27C040-

### HT27C512 [ DIP 28 ]

**Manufacturer:** Holtek

**Required Adapter:** None

**Variants:** HT27C512-

### HT27C512 [ PLCC 32 ]

**Manufacturer:** Holtek

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** HT27C512-

### HT27C512 [ SOIC 28 (450mil) ]

**Manufacturer:** Holtek

**Required Adapter:** [SOIC28\(450mil\)-DIP28](#)

**Variants:** HT27C512-

## ISSI (Integrated Silicon Solution)

### IS27C010 [ DIP 32 ]

**Manufacturer:** ISSI (Integrated Silicon Solution)

**Required Adapter:** None

**Variants:** IS27C010-12W, IS27C010-15W, IS27C010-90W

### IS27C010 [ PLCC 32 ]

**Manufacturer:** ISSI (Integrated Silicon Solution)

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** IS27C010-12PL, IS27C010-12PLI, IS27C010-15PL, IS27C010-15PLI, IS27C010-90PL, IS27C010-90PLI

### IS27C010 [ TSOP 32 (8x20mm) ]

**Manufacturer:** ISSI (Integrated Silicon Solution)

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** IS27C010-12T, IS27C010-12TI, IS27C010-15T, IS27C010-15TI, IS27C010-90T, IS27C010-90TI

### IS27C256 [ DIP 28 ]

**Manufacturer:** ISSI (Integrated Silicon Solution)

**Required Adapter:** None

**Variants:** IS27C256-12W, IS27C256-15W, IS27C256-90W

### IS27C256 [ PLCC 32 ]

**Manufacturer:** ISSI (Integrated Silicon Solution)

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** IS27C256-12PL, IS27C256-12PLI, IS27C256-15PL, IS27C256-15PLI, IS27C256-90PL, IS27C256-90PLI

### IS27HC010 [ DIP 32 ]

**Manufacturer:** ISSI (Integrated Silicon Solution)

**Required Adapter:** None

**Variants:** IS27HC010-30W, IS27HC010-45W, IS27HC010-70W

### IS27HC010 [ PLCC 32 ]

**Manufacturer:** ISSI (Integrated Silicon Solution)

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** IS27HC010-30PL, IS27HC010-30PLI, IS27HC010-45PL, IS27HC010-45PLI, IS27HC010-70PL, IS27HC010-70PLI

### IS27HC010 [ TSOP 32 (8x20mm) ]

**Manufacturer:** ISSI (Integrated Silicon Solution)

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** IS27HC010-30T, IS27HC010-30TI, IS27HC010-45T, IS27HC010-45TI, IS27HC010-70T, IS27HC010-70TI

## Intel

### 27C512 [ DIP 28 ]

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** 27C512-120V10

### AD87C64 [ DIP 28 ]

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** AD87C64-1, AD87C64-20, AD87C64-25

### AD87C64 [ PLCC 32 ]

**Manufacturer:** Intel  
**Required Adapter:** [PLCC32-DIP28](#)  
**Variants:** AD87C64-1, AD87C64-20, AD87C64-25

### AN28F010 [ DIP 32 ]

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** AN28F010-120, AN28F010-150, AN28F010-65, AN28F010-90

### AN28F010 [ PLCC 32 ]

**Manufacturer:** Intel  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** AN28F010-120, AN28F010-150, AN28F010-65, AN28F010-90

### AN28F010 [ TSOP 32 (8x20mm) ]

**Manufacturer:** Intel  
**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)  
**Variants:** AN28F010-120, AN28F010-150, AN28F010-65, AN28F010-90

### AP28F010 [ DIP 32 ]

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** AP28F010-120, AP28F010-150, AP28F010-65, AP28F010-90

### AP28F010 [ PLCC 32 ]

**Manufacturer:** Intel  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** AP28F010-120, AP28F010-150, AP28F010-65, AP28F010-90

### AP28F010 [ TSOP 32 (8x20mm) ]

**Manufacturer:** Intel  
**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)  
**Variants:** AP28F010-120, AP28F010-150, AP28F010-65, AP28F010-90

### B2732 (25V) [ DIP 24 ]

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** B2732-

### D2716 (read only) [ DIP 24 ]

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D2716, D2716-1, D2716-2, D2716-5, D2716-6

### E28F020 [ TSOP 32 (8x20mm) ]

**Manufacturer:** Intel  
**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)  
**Variants:** E28F020-120, E28F020-150, E28F020-65, E28F020-90

### M27128A (12.5V) [ DIP 28 ]

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** M27128A-20, M27128A-30

### M2732A (21V) [ DIP 24 ]

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** M2732A-25, M2732A-45

**M27C64 [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: M27C64-20, M27C64-25, M27C64-35

**M27C64 [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP28](#)

Variants: M27C64-20, M27C64-25, M27C64-35

**N28F020 [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP32](#)

Variants: N28F020-120, N28F020-150, N28F020-65, N28F020-90

**P28F020 [ DIP 32 ]**

Manufacturer: Intel

Required Adapter: None

Variants: P28F020-120, P28F020-150, P28F020-65, P28F020-90

**TE28F020 [ TSOP 32 (8x20mm) ]**

Manufacturer: Intel

Required Adapter: [TSOP32\(8x20mm\)-DIP32](#)

Variants: TE28F020-120, TE28F020-150, TE28F020-65, TE28F020-90

**TN28F020 [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP32](#)

Variants: TN28F020-120, TN28F020-150, TN28F020-65, TN28F020-90

**27010 [ DIP 32 ]**

Manufacturer: Intel

Required Adapter: None

Variants: 27010-200V05, 27010-200V10, 27010-250V05, 27010-250V10, 27010-300V05, 27010-300V10

**27011 [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: 27011-200V05, 27011-200V10, 27011-250V05, 27011-250V10

**27128 (21V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: 27128-25, 27128-3, 27128-30, 27128-4, 27128-45

**27128A (12.5V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: 27128A-1, 27128A-2, 27128A-20, 27128A-25, 27128A-3, 27128A-30

**27256 (12.5V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: 27256-, 27256-1, 27256-2, 27256-20, 27256-25, 27256-3, 27256-30

**2732 (25V) [ DIP 24 ]**

Manufacturer: Intel

Required Adapter: None

Variants: 2732-

**2732A (21V) [ DIP 24 ]**

Manufacturer: Intel

Required Adapter: None

Variants: 2732A-2, 2732A-20, 2732A-25, 2732A-3, 2732A-30, 2732A-4

**27512 (12.5V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: 27512-170, 27512-170V05, 27512-170V10, 27512-17V05, 27512-2, 27512-20, 27512-200, 27512-200V05, 27512-200V10, 27512-25, 27512-250, 27512-250V05, 27512-3, 27512-30, 27512-35



**27512 (12.5V) [ PLCC 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** [PLCC32-DIP28](#)  
**Variants:** 27512-J

**2764 (21V) [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** 2764-2, 2764-25, 2764-3, 2764-30, 2764-4, 2764-45

**2764A (12.5V) [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** 2764A-20

**27C010 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** 27C010-120V10, 27C010-150V10, 27C010-200V10

**27C010 [ PLCC 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** 27C010-120V10, 27C010-150V10, 27C010-200V10

**27C011 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** 27C011-200V10

**27C020 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** 27C020-150V05, 27C020-150V10, 27C020-200V05, 27C020-200V10

**27C020 [ PLCC 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** 27C020-150V05, 27C020-150V10, 27C020-200V05, 27C020-200V10

**27C040 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** 27C040150V10, 27C040200V10

**27C128 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** 27C128-200V05

**27C513 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** 27C513-170V05, 27C513-170V10, 27C513-2, 27C513-20, 27C513-200V05, 27C513-200V10, 27C513-25, 27C513-250V05, 27C513-3, 27C513-30

**27C64 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** 27C64-20, 27C64-25, 27C64-35

**27C64 [ PLCC 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** [PLCC32-DIP28](#)  
**Variants:** 27C64-20, 27C64-25, 27C64-35

**87C257 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** 87C257-120V10, 87C257-200V10

**87C257 [ PLCC 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** [PLCC32-DIP28](#)  
**Variants:** 87C257-120V10, 87C257-200V10

**A27C256 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** A27C256-

**A27C256 [ PLCC 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** [PLCC32-DIP28](#)  
**Variants:** A27C256-

**AD27C010 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** AD27C010-120V10, AD27C010-150V10, AD27C010-200V10

**AD27C128 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** AD27C128-200V05

**AD27C256 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** AD27C256-

**AD27C256 [ PLCC 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** [PLCC32-DIP28](#)  
**Variants:** AD27C256-

**AD27C64 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** AD27C64-20, AD27C64-25, AD27C64-35

**AD87C257 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** AD87C257-120V10, AD87C257-200V10

**AN27C010 [ PLCC 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** AN27C010-120V10, AN27C010-150V10, AN27C010-200V10

**AN27C64 [ PLCC 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** [PLCC32-DIP28](#)  
**Variants:** AN27C64-20, AN27C64-25, AN27C64-35

**AN87C257 [ PLCC 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** [PLCC32-DIP28](#)  
**Variants:** AN87C257-120V10, AN87C257-200V10

**AP27C010 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** AP27C010-120V10, AP27C010-150V10, AP27C010-200V10

**AP27C128 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** AP27C128-200V05

**AP27C64 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** AP27C64-20, AP27C64-25, AP27C64-35

**AP28F512 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** AP28F512-120, AP28F512-150

**BD87C257 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** BD87C257-120V10, BD87C257-200V10

**C27011 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** C27011-200V05, C27011-200V10, C27011-250V05, C27011-250V10

**C27128 (21V) [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** C27128-25, C27128-3, C27128-30, C27128-4, C27128-45

**D27010 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D27010-200V05, D27010-200V10, D27010-250V05, D27010-250V10, D27010-300V05, D27010-300V10

**D27011 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D27011-200V05, D27011-200V10, D27011-250V05, D27011-250V10

**D27128 (21V) [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D27128-25, D27128-3, D27128-30, D27128-4, D27128-45

**D27128A (12.5V) [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D27128A-1, D27128A-2, D27128A-20, D27128A-25, D27128A-3, D27128A-30

**D27256 (12.5V) [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D27256-, D27256-1, D27256-2, D27256-20, D27256-25, D27256-3, D27256-30

**D2732 (25V) [ DIP 24 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D2732-

**D2732A (21V) [ DIP 24 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D2732A-2, D2732A-20, D2732A-25, D2732A-3, D2732A-30, D2732A-4

**D27512 (12.5V) [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D27512-170, D27512-170V05, D27512-170V10, D27512-17V05, D27512-2, D27512-20, D27512-200, D27512-200V05, D27512-200V10, D27512-25, D27512-250, D27512-250V05, D27512-3, D27512-30, D27512-35

**D2764 (21V) [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D2764-2, D2764-25, D2764-3, D2764-30, D2764-4, D2764-45

**D2764A (12.5V) [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D2764A-20

**D27C010 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D27C010-120V10, D27C010-150V10, D27C010-200V10

**D27C011 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D27C011-200V10

**D27C020 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D27C020-150V05, D27C020-150V10, D27C020-200V05, D27C020-200V10

**D27C040 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D27C040150V10, D27C040200V10

**D27C128 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D27C128-200V05

**D27C256 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D27C256-

**D27C256 [ PLCC 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** [PLCC32-DIP28](#)  
**Variants:** D27C256-

**D27C513 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D27C513-170V05, D27C513-170V10, D27C513-2, D27C513-20, D27C513-200V05, D27C513-200V10, D27C513-25, D27C513-250V05, D27C513-3, D27C513-30

**D27C64 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D27C64-20, D27C64-25, D27C64-35

**D28F256 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D28F256-170, D28F256-200, D28F256-250

**D87C257 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** D87C257-120V10, D87C257-200V10

**E28F001BX-B [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Intel  
**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)  
**Variants:** E28F001BX-B120, E28F001BX-B150, E28F001BX-B70, E28F001BX-B90

**E28F001BX-T [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Intel  
**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)  
**Variants:** E28F001BX-T120, E28F001BX-T150, E28F001BX-T70, E28F001BX-T90

**ID2732 (25V) [ DIP 24 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** ID2732-

**ID2732A (21V) [ DIP 24 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** ID2732A-2, ID2732A-20, ID2732A-25, ID2732A-3, ID2732A-30, ID2732A-4

**L27010 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** L27010-200V05, L27010-200V10, L27010-250V05, L27010-250V10, L27010-300V05, L27010-300V10

**L27C011 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** L27C011-200V10

**L27C020 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** L27C020-150V05, L27C020-150V10, L27C020-200V05, L27C020-200V10

**L27C513 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** L27C513-170V05, L27C513-170V10, L27C513-2, L27C513-20, L27C513-200V05, L27C513-200V10, L27C513-25, L27C513-250V05, L27C513-3, L27C513-30

**LD27C512 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD27C512-120V10

**LD27010 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD27010-200V05, LD27010-200V10, LD27010-250V05, LD27010-250V10, LD27010-300V05, LD27010-300V10

**LD27011 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD27011-200V05, LD27011-200V10, LD27011-250V05, LD27011-250V10

**LD27128 (21V) [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD27128-25, LD27128-3, LD27128-30, LD27128-4, LD27128-45

**LD27128A (12.5V) [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD27128A-1, LD27128A-2, LD27128A-20, LD27128A-25, LD27128A-3, LD27128A-30

**LD27256 (12.5V) [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD27256-, LD27256-1, LD27256-2, LD27256-20, LD27256-25, LD27256-3, LD27256-30

**LD2732A (21V) [ DIP 24 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD2732A-2, LD2732A-20, LD2732A-25, LD2732A-3, LD2732A-30, LD2732A-4

**LD27512 (12.5V) [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD27512-170, LD27512-170V05, LD27512-170V10, LD27512-17V05, LD27512-2, LD27512-20, LD27512-200, LD27512-200V05, LD27512-200V10, LD27512-25, LD27512-250, LD27512-250V05, LD27512-3, LD27512-30, LD27512-35

**LD2764A (12.5V) [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD2764A-20

**LD27C010 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD27C010-120V10, LD27C010-150V10, LD27C010-200V10

**LD27C011 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD27C011-200V10

**LD27C020 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD27C020-150V05, LD27C020-150V10, LD27C020-200V05, LD27C020-200V10

**LD27C128 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD27C128-200V05

**LD27C256 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD27C256-

**LD27C256 [ PLCC 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** [PLCC32-DIP28](#)  
**Variants:** LD27C256-

**LD27C513 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD27C513-170V05, LD27C513-170V10, LD27C513-2, LD27C513-20, LD27C513-200V05, LD27C513-200V10, LD27C513-25, LD27C513-250V05, LD27C513-3, LD27C513-30

**LD27C64 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD27C64-20, LD27C64-25, LD27C64-35

**LD87C257 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD87C257-120V10, LD87C257-200V10

**LN87C257 [ PLCC 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** [PLCC32-DIP28](#)  
**Variants:** LN87C257-120V10, LN87C257-200V10

**M27256 (12.5V) [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** M27256-, M27256-1, M27256-2, M27256-20, M27256-25, M27256-3, M27256-30

**M2732 (25V) [ DIP 24 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** M2732-

**M27C020 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** M27C020-150V05, M27C020-150V10, M27C020-200V05, M27C020-200V10

**MD27011 [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: MD27011-200V05, MD27011-200V10, MD27011-250V05, MD27011-250V10

**MD27128A (12.5V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: MD27128A-1, MD27128A-2, MD27128A-20, MD27128A-25, MD27128A-3, MD27128A-30

**MD27256 (12.5V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: MD27256-, MD27256-1, MD27256-2, MD27256-20, MD27256-25, MD27256-3, MD27256-30

**MD2732 (25V) [ DIP 24 ]**

Manufacturer: Intel

Required Adapter: None

Variants: MD2732-

**MD2732A (21V) [ DIP 24 ]**

Manufacturer: Intel

Required Adapter: None

Variants: MD2732A-2, MD2732A-20, MD2732A-25, MD2732A-3, MD2732A-30, MD2732A-4

**MD27512 (12.5V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: MD27512-170, MD27512-170V05, MD27512-170V10, MD27512-17V05, MD27512-2, MD27512-20, MD27512-200, MD27512-200V05, MD27512-200V10, MD27512-25, MD27512-250, MD27512-250V05, MD27512-3, MD27512-30, MD27512-35

**MD2764 (21V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: MD2764-2, MD2764-25, MD2764-3, MD2764-30, MD2764-4, MD2764-45

**MD2764A (12.5V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: MD2764A-20

**MD27C010 [ DIP 32 ]**

Manufacturer: Intel

Required Adapter: None

Variants: MD27C010-120V10, MD27C010-150V10, MD27C010-200V10

**MD27C020 [ DIP 32 ]**

Manufacturer: Intel

Required Adapter: None

Variants: MD27C020-150V05, MD27C020-150V10, MD27C020-200V05, MD27C020-200V10

**MD27C040 [ DIP 32 ]**

Manufacturer: Intel

Required Adapter: None

Variants: MD27C040150V10, MD27C040200V10

**MD27C64 [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: MD27C64-20, MD27C64-25, MD27C64-35

**N27512 (12.5V) [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP28](#)

Variants: N27512-J

**N27C010 [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP32](#)

Variants: N27C010-120V10, N27C010-150V10, N27C010-200V10

**N27C020 [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP32](#)

Variants: N27C020-150V05, N27C020-150V10, N27C020-200V05, N27C020-200V10

**N27C64 [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP28](#)

Variants: N27C64-20, N27C64-25, N27C64-35

**N28F001BX-B [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP32](#)

Variants: N28F001BX-B120, N28F001BX-B150, N28F001BX-B70, N28F001BX-B90

**N28F001BX-T [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP32](#)

Variants: N28F001BX-T120, N28F001BX-T150, N28F001BX-T70, N28F001BX-T90

**N28F256 [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP32](#)

Variants: N28F256-120, N28F256-150

**N28F512 [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP32](#)

Variants: N28F512-120, N28F512-150

**N87C257 [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP28](#)

Variants: N87C257-120V10, N87C257-200V10

**P27011 [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: P27011-200V05, P27011-200V10, P27011-250V05, P27011-250V10

**P27128A (12.5V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: P27128A-1, P27128A-2, P27128A-20, P27128A-25, P27128A-3, P27128A-30

**P27256 (12.5V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: P27256-, P27256-1, P27256-2, P27256-20, P27256-25, P27256-3, P27256-30

**P2732A (21V) [ DIP 24 ]**

Manufacturer: Intel

Required Adapter: None

Variants: P2732A-2, P2732A-20, P2732A-25, P2732A-3, P2732A-30, P2732A-4

**P27512 (12.5V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: P27512-170, P27512-170V05, P27512-170V10, P27512-17V05, P27512-2, P27512-20, P27512-200, P27512-200V05, P27512-200V10, P27512-25, P27512-250, P27512-250V05, P27512-3, P27512-30, P27512-35

**P2764 (21V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: P2764-2, P2764-25, P2764-3, P2764-30, P2764-4, P2764-45

**P2764A (12.5V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: P2764A-20



**P27C010 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** P27C010-120V10, P27C010-150V10, P27C010-200V10

**P27C020 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** P27C020-150V05, P27C020-150V10, P27C020-200V05, P27C020-200V10

**P27C128 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** P27C128-200V05

**P27C64 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** P27C64-20, P27C64-25, P27C64-35

**P28F001BX-B [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** P28F001BX-B120, P28F001BX-B150, P28F001BX-B70, P28F001BX-B90

**P28F001BX-T [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** P28F001BX-T120, P28F001BX-T150, P28F001BX-T70, P28F001BX-T90

**P28F512 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** P28F512-120, P28F512-150

**Q27010 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** Q27010-200V05, Q27010-200V10, Q27010-250V05, Q27010-250V10, Q27010-300V05, Q27010-300V10

**Q27C011 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** Q27C011-200V10

**Q27C020 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** Q27C020-150V05, Q27C020-150V10, Q27C020-200V05, Q27C020-200V10

**Q27C513 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** Q27C513-170V05, Q27C513-170V10, Q27C513-2, Q27C513-20, Q27C513-200V05, Q27C513-200V10, Q27C513-25, Q27C513-250V05, Q27C513-3, Q27C513-30

**QD27C512 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** QD27C512-120V10

**QC27011 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** QC27011-200V05, QC27011-200V10, QC27011-250V05, QC27011-250V10

**QD27010 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** QD27010-200V05, QD27010-200V10, QD27010-250V05, QD27010-250V10, QD27010-300V05, QD27010-300V10

**QD27011 [ DIP 28 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** QD27011-200V05, QD27011-200V10, QD27011-250V05, QD27011-250V10

**QD27128 (21V) [ DIP 28 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** QD27128-25, QD27128-3, QD27128-30, QD27128-4, QD27128-45

**QD27128A (12.5V) [ DIP 28 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** QD27128A-1, QD27128A-2, QD27128A-20, QD27128A-25, QD27128A-3, QD27128A-30

**QD27256 (12.5V) [ DIP 28 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** QD27256-, QD27256-1, QD27256-2, QD27256-20, QD27256-25, QD27256-3, QD27256-30

**QD2732A (21V) [ DIP 24 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** QD2732A-2, QD2732A-20, QD2732A-25, QD2732A-3, QD2732A-30, QD2732A-4

**QD27512 (12.5V) [ DIP 28 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** QD27512-170, QD27512-170V05, QD27512-170V10, QD27512-17V05, QD27512-2, QD27512-20, QD27512-200, QD27512-200V05, QD27512-200V10, QD27512-25, QD27512-250, QD27512-250V05, QD27512-3, QD27512-30, QD27512-35

**QD2764 (21V) [ DIP 28 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** QD2764-2, QD2764-25, QD2764-3, QD2764-30, QD2764-4, QD2764-45

**QD2764A (12.5V) [ DIP 28 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** QD2764A-20

**QD27C010 [ DIP 32 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** QD27C010-120V10, QD27C010-150V10, QD27C010-200V10

**QD27C011 [ DIP 28 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** QD27C011-200V10

**QD27C020 [ DIP 32 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** QD27C020-150V05, QD27C020-150V10, QD27C020-200V05, QD27C020-200V10

**QD27C128 [ DIP 28 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** QD27C128-200V05

**QD27C513 [ DIP 28 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** QD27C513-170V05, QD27C513-170V10, QD27C513-2, QD27C513-20, QD27C513-200V05, QD27C513-200V10, QD27C513-25, QD27C513-250V05, QD27C513-3, QD27C513-30

**QD27C64 [ DIP 28 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** QD27C64-20, QD27C64-25, QD27C64-35

**QN87C257 [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP28](#)

Variants: QN87C257-120V10, QN87C257-200V10

**T27010 [ DIP 32 ]**

Manufacturer: Intel

Required Adapter: None

Variants: T27010-200V05, T27010-200V10, T27010-250V05, T27010-250V10, T27010-300V05, T27010-300V10

**T27C011 [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: T27C011-200V10

**T27C020 [ DIP 32 ]**

Manufacturer: Intel

Required Adapter: None

Variants: T27C020-150V05, T27C020-150V10, T27C020-200V05, T27C020-200V10

**T27C513 [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: T27C513-170V05, T27C513-170V10, T27C513-2, T27C513-20, T27C513-200V05, T27C513-200V10, T27C513-25, T27C513-250V05, T27C513-3, T27C513-30

**T87C257 [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: T87C257-120V10, T87C257-200V10

**TD27C512 [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: TD27C512-120V10

**TD27010 [ DIP 32 ]**

Manufacturer: Intel

Required Adapter: None

Variants: TD27010-200V05, TD27010-200V10, TD27010-250V05, TD27010-250V10, TD27010-300V05, TD27010-300V10

**TD27011 [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: TD27011-200V05, TD27011-200V10, TD27011-250V05, TD27011-250V10

**TD27128 (21V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: TD27128-25, TD27128-3, TD27128-30, TD27128-4, TD27128-45

**TD27128A (12.5V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: TD27128A-1, TD27128A-2, TD27128A-20, TD27128A-25, TD27128A-3, TD27128A-30

**TD27256 (12.5V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: TD27256-, TD27256-1, TD27256-2, TD27256-20, TD27256-25, TD27256-3, TD27256-30

**TD2732A (21V) [ DIP 24 ]**

Manufacturer: Intel

Required Adapter: None

Variants: TD2732A-2, TD2732A-20, TD2732A-25, TD2732A-3, TD2732A-30, TD2732A-4

**TD27512 (12.5V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: TD27512-170, TD27512-170V05, TD27512-170V10, TD27512-17V05, TD27512-2, TD27512-20, TD27512-200, TD27512-200V05, TD27512-200V10, TD27512-25, TD27512-250, TD27512-250V05, TD27512-3, TD27512-30, TD27512-35

**TD2764 (21V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: TD2764-2, TD2764-25, TD2764-3, TD2764-30, TD2764-4, TD2764-45

**TD2764A (12.5V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: TD2764A-20

**TD27C010 [ DIP 32 ]**

Manufacturer: Intel

Required Adapter: None

Variants: TD27C010-120V10, TD27C010-150V10, TD27C010-200V10

**TD27C011 [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: TD27C011-200V10

**TD27C020 [ DIP 32 ]**

Manufacturer: Intel

Required Adapter: None

Variants: TD27C020-150V05, TD27C020-150V10, TD27C020-200V05, TD27C020-200V10

**TD27C128 [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: TD27C128-200V05

**TD27C513 [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: TD27C513-170V05, TD27C513-170V10, TD27C513-2, TD27C513-20, TD27C513-200V05, TD27C513-200V10, TD27C513-25, TD27C513-250V05, TD27C513-3, TD27C513-30

**TE28F001BX-B [ TSOP 32 (8x20mm) ]**

Manufacturer: Intel

Required Adapter: [TSOP32\(8x20mm\)-DIP32](#)

Variants: TE28F001BX-B120, TE28F001BX-B150, TE28F001BX-B70, TE28F001BX-B90

**TE28F001BX-T [ TSOP 32 (8x20mm) ]**

Manufacturer: Intel

Required Adapter: [TSOP32\(8x20mm\)-DIP32](#)

Variants: TE28F001BX-T120, TE28F001BX-T150, TE28F001BX-T70, TE28F001BX-T90

**TN27C010 [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP32](#)

Variants: TN27C010-120V10, TN27C010-150V10, TN27C010-200V10

**TN27C64 [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP28](#)

Variants: TN27C64-20, TN27C64-25, TN27C64-35

**TN28F001BX-B [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP32](#)

Variants: TN28F001BX-B120, TN28F001BX-B150, TN28F001BX-B70, TN28F001BX-B90

**TN28F001BX-T [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP32](#)

Variants: TN28F001BX-T120, TN28F001BX-T150, TN28F001BX-T70, TN28F001BX-T90

**TN28F512 [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: [PLCC32-DIP32](#)

Variants: TN28F512-120, TN28F512-150

**TP27C128 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** TP27C128-200V05

**TP27C64 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** TP27C64-20, TP27C64-25, TP27C64-35

**TP28F001BX-B [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** TP28F001BX-B120, TP28F001BX-B150, TP28F001BX-B70, TP28F001BX-B90

**TP28F001BX-T [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** TP28F001BX-T120, TP28F001BX-T150, TP28F001BX-T70, TP28F001BX-T90

**TP28F512 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** TP28F512-120, TP28F512-150

## Intern

### Autodetect 01 - LPC [ DIP 32 ]

**Manufacturer:** Intern  
**Required Adapter:** None  
**Variants:** Autodetect01-LPCNoextensions

### Autodetect 02b - Sequence (32Pin) [ DIP 32 ]

**Manufacturer:** Intern  
**Required Adapter:** None  
**Variants:** Autodetect02b-SequenceNoextensions

### Autodetect 03 (Sequence / 28 Pin) [ DIP 28 ]

**Manufacturer:** Intern  
**Required Adapter:** None  
**Variants:** Autodetect03Noextensions

### Autodetect 04 - Sequence (28 Pin / Pin 1=WE) [ DIP 28 ]

**Manufacturer:** Intern  
**Required Adapter:** None  
**Variants:** Autodetect04-SequenceNoextensions

### Autodetect 05 - Sequence (24 Pin) [ DIP 24 ]

**Manufacturer:** Intern  
**Required Adapter:** None  
**Variants:** Autodetect05-SequenceNoextensions

### Autodetect 06 - A9VPP (28 Pin) [ DIP 28 ]

**Manufacturer:** Intern  
**Required Adapter:** None  
**Variants:** Autodetect06-A9VPPNoextensions

### Autodetect 06b - A9VPP (24 Pin) [ DIP 24 ]

**Manufacturer:** Intern  
**Required Adapter:** None  
**Variants:** Autodetect06b-A9VPPNoextensions

### Autodetect 07 - A9VPP (28 Pin) [ DIP 28 ]

**Manufacturer:** Intern  
**Required Adapter:** None  
**Variants:** Autodetect07-A9VPPNoextensions

### Autodetect 08 - A9VPP (28 Pin / 27=WE) [ DIP 28 ]

**Manufacturer:** Intern  
**Required Adapter:** None  
**Variants:** Autodetect08-A9VPPNoextensions

### Autodetect 09 - A9VPP (32 Pin / Pin 1 Reset#) [ DIP 32 ]

**Manufacturer:** Intern  
**Required Adapter:** None  
**Variants:** Autodetect09-A9VPPNoextensions

### Autodetect 10 - A9VPP (32 Pin) [ DIP 32 ]

**Manufacturer:** Intern  
**Required Adapter:** None  
**Variants:** Autodetect10-A9VPPNoextensions

### Autodetect 11 - A9VPP (24 Pin) [ DIP 24 ]

**Manufacturer:** Intern  
**Required Adapter:** None  
**Variants:** Autodetect11-A9VPPNoextensions

### CsTest3 [ DIP 32 ]

**Manufacturer:** Intern  
**Required Adapter:** None  
**Variants:** CsTest3-70-3C-PH, CsTest3-70-3C-PHE, CsTest3-90-3C-PH

### CsTest3 [ PLCC 32 ]

**Manufacturer:** Intern  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** CsTest3-70-3C-NH, CsTest3-70-3C-NHE, CsTest3-70-3I-NH, CsTest3-90-3C-NH, CsTest3-90-3C-NHE, CsTest3-90-3I-NH

**CsTest3 [ TSOP 32 (8x14mm) ]**

**Manufacturer:** Intern

**Required Adapter:** [TSOP32\(8x14mm\)-DIP32](#)

**Variants:** CsTest3-70-3C-WH, CsTest3-70-3C-WHE, CsTest3-70-3I-WH, CsTest3-90-3C-WH, CsTest3-90-3C-WHE, CsTest3-90-3I-WH

**SST27SF010 - CS Test [ DIP 32 ]**

**Manufacturer:** Intern

**Required Adapter:** None

**Variants:** SST27SF010-CSTest-70-3C-PH, SST27SF010-CSTest-70-3C-PHE, SST27SF010-CSTest-90-3C-PH

**SST27SF010 - CS Test [ PLCC 32 ]**

**Manufacturer:** Intern

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** SST27SF010-CSTest-70-3C-NH, SST27SF010-CSTest-70-3C-NHE, SST27SF010-CSTest-70-3I-NH, SST27SF010-CSTest-90-3C-NH, SST27SF010-CSTest-90-3C-NHE, SST27SF010-CSTest-90-3I-NH

**SST27SF010 - CS Test [ TSOP 32 (8x14mm) ]**

**Manufacturer:** Intern

**Required Adapter:** [TSOP32\(8x14mm\)-DIP32](#)

**Variants:** SST27SF010-CSTest-70-3C-WH, SST27SF010-CSTest-70-3C-WHE, SST27SF010-CSTest-70-3I-WH, SST27SF010-CSTest-90-3C-WH, SST27SF010-CSTest-90-3C-WHE, SST27SF010-CSTest-90-3I-WH

## MOSTEK

### **ET2716 (read only) [ DIP 24 ]**

**Manufacturer:** MOSTEK

**Required Adapter:** None

**Variants:** ET2716Q, ET2716Q-1



## Macronix

### M28F1000P [ DIP 32 ]

Manufacturer: Macronix

Required Adapter: None

Variants: M28F1000PPC-12C4, M28F1000PPC-15C4, M28F1000PPC-70C4, M28F1000PPC-90C4

### M28F1000P [ PLCC 32 ]

Manufacturer: Macronix

Required Adapter: [PLCC32-DIP32](#)

Variants: M28F1000PQC-12C4, M28F1000PQC-15C4, M28F1000PQC-70C4, M28F1000PQC-90C4

### M28F1000P [ TSOP 32 (8x20mm) ]

Manufacturer: Macronix

Required Adapter: [TSOP32\(8x20mm\)-DIP32](#)

Variants: M28F1000PTC-12C4, M28F1000PTC-15C4, M28F1000PTC-70C4, M28F1000PTC-90C4

### M28F2000P [ DIP 32 ]

Manufacturer: Macronix

Required Adapter: None

Variants: M28F2000PPC-12C4, M28F2000PPC-70C4, M28F2000PPC-90C4

### M28F2000P [ PLCC 32 ]

Manufacturer: Macronix

Required Adapter: [PLCC32-DIP32](#)

Variants: M28F2000PQC-12C4, M28F2000PQC-70C4, M28F2000PQC-90C4

### M28F2000P [ TSOP 32 (8x20mm) ]

Manufacturer: Macronix

Required Adapter: [TSOP32\(8x20mm\)-DIP32](#)

Variants: M28F2000PTC-12C4, M28F2000PTC-70C4, M28F2000PTC-90C4

### MX26C1000A [ DIP 32 ]

Manufacturer: Macronix

Required Adapter: None

Variants: MX26C1000APC-10, MX26C1000APC-12, MX26C1000APC-15, MX26C1000APC-70, MX26C1000APC-90

### MX26C1000A [ PLCC 32 ]

Manufacturer: Macronix

Required Adapter: [PLCC32-DIP32](#)

Variants: MX26C1000AQC-10, MX26C1000AQC-12, MX26C1000AQC-15, MX26C1000AQC-70, MX26C1000AQC-90

### MX26C1000A [ SOIC 32 (450mil) ]

Manufacturer: Macronix

Required Adapter: [SOIC32\(450mil\)-DIP32](#)

Variants: MX26C1000AMC-10, MX26C1000AMC-12, MX26C1000AMC-15, MX26C1000AMC-70, MX26C1000AMC-90

### MX26C1000A [ TSOP 32 (8x20mm) ]

Manufacturer: Macronix

Required Adapter: [TSOP32\(8x20mm\)-DIP32](#)

Variants: MX26C1000ATC-10, MX26C1000ATC-12, MX26C1000ATC-15, MX26C1000ATC-70, MX26C1000ATC-90

### MX26C512A [ DIP 28 ]

Manufacturer: Macronix

Required Adapter: None

Variants: MX26C512APC-10, MX26C512APC-12, MX26C512APC-15, MX26C512APC-70, MX26C512APC-90

### MX26C512A [ PLCC 32 ]

Manufacturer: Macronix

Required Adapter: [PLCC32-DIP28](#)

Variants: MX26C512AQC-10, MX26C512AQC-12, MX26C512AQC-15, MX26C512AQC-70, MX26C512AQC-90

### MX26C512A [ SOIC 28 (300mil) ]

Manufacturer: Macronix

Required Adapter: [SOIC28\(300mil\)-DIP28](#)

Variants: MX26C512AMC-10, MX26C512AMC-12, MX26C512AMC-15, MX26C512AMC-70, MX26C512AMC-90

### MX26C512A [ TSOP 28 (8x14mm) ]

Manufacturer: Macronix

Required Adapter: [TSOP28\(8x14mm\)-DIP28](#)

Variants: MX26C512ATC-10, MX26C512ATC-12, MX26C512ATC-15, MX26C512ATC-70, MX26C512ATC-90

**MX27C1000 [ DIP 32 ]****Manufacturer:** Macronix**Required Adapter:** None**Variants:** MX27C1000DC, MX27C1000DC-12, MX27C1000DC-15, MX27C1000DC-45, MX27C1000DC-55, MX27C1000PC-10, MX27C1000PC-12, MX27C1000PC-15, MX27C1000PC-45, MX27C1000PC-55, MX27C1000PC-70, MX27C1000PC-90, MX27C1000PI-12, MX27C1000PI-15, MX27C1000PI-55, MX27C1000PI-70, MX27C1000PI-90**MX27C1000 [ PLCC 32 ]****Manufacturer:** Macronix**Required Adapter:** [PLCC32-DIP32](#)**Variants:** MX27C1000QC-10, MX27C1000QC-12, MX27C1000QC-15, MX27C1000QC-45, MX27C1000QC-55, MX27C1000QC-70, MX27C1000QC-90, MX27C1000QI-12, MX27C1000QI-15, MX27C1000QI-55, MX27C1000QI-70, MX27C1000QI-90**MX27C1000 [ SOIC 32 (450mil) ]****Manufacturer:** Macronix**Required Adapter:** [SOIC32\(450mil\)-DIP32](#)**Variants:** MX27C1000MC-10, MX27C1000MC-12, MX27C1000MC-15, MX27C1000MC-45, MX27C1000MC-55, MX27C1000MC-70, MX27C1000MC-90, MX27C1000MI-12, MX27C1000MI-15, MX27C1000MI-55, MX27C1000MI-70, MX27C1000MI-90**MX27C1000 [ TSOP 32 (8x20mm) ]****Manufacturer:** Macronix**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** MX27C1000TA-12, MX27C1000TA-90, MX27C1000TC-10, MX27C1000TC-12, MX27C1000TC-15, MX27C1000TC-45, MX27C1000TC-55, MX27C1000TC-70, MX27C1000TC-90, MX27C1000TI-12, MX27C1000TI-15, MX27C1000TI-55, MX27C1000TI-70, MX27C1000TI-90**MX27C2000 [ DIP 32 ]****Manufacturer:** Macronix**Required Adapter:** None**Variants:** MX27C2000PC-10, MX27C2000PC-12, MX27C2000PC-15, MX27C2000PC-35, MX27C2000PC-45, MX27C2000PC-55, MX27C2000PC-70, MX27C2000PC-90, MX27C2000PI-10, MX27C2000PI-12, MX27C2000PI-15, MX27C2000PI-55, MX27C2000PI-70, MX27C2000PI-90**MX27C2000 [ PLCC 32 ]****Manufacturer:** Macronix**Required Adapter:** [PLCC32-DIP32](#)**Variants:** MX27C2000QC-10, MX27C2000QC-12, MX27C2000QC-15, MX27C2000QC-35, MX27C2000QC-45, MX27C2000QC-55, MX27C2000QC-70, MX27C2000QC-90, MX27C2000QI-10, MX27C2000QI-12, MX27C2000QI-15, MX27C2000QI-55, MX27C2000QI-70, MX27C2000QI-90**MX27C2000 [ SOIC 32 (450mil) ]****Manufacturer:** Macronix**Required Adapter:** [SOIC32\(450mil\)-DIP32](#)**Variants:** MX27C2000MC-10, MX27C2000MC-12, MX27C2000MC-15, MX27C2000MC-35, MX27C2000MC-45, MX27C2000MC-55, MX27C2000MC-70, MX27C2000MC-90, MX27C2000MI-10, MX27C2000MI-12, MX27C2000MI-15, MX27C2000MI-55, MX27C2000MI-70, MX27C2000MI-90**MX27C2000 [ TSOP 32 (8x20mm) ]****Manufacturer:** Macronix**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** MX27C2000TC-10, MX27C2000TC-12, MX27C2000TC-15, MX27C2000TC-35, MX27C2000TC-45, MX27C2000TC-55, MX27C2000TC-70, MX27C2000TC-90, MX27C2000TI-10, MX27C2000TI-12, MX27C2000TI-15, MX27C2000TI-55, MX27C2000TI-70, MX27C2000TI-90**MX27C256 [ DIP 28 ]****Manufacturer:** Macronix**Required Adapter:** None**Variants:** MX27C256PC-10, MX27C256PC-12, MX27C256PC-15, MX27C256PC-45, MX27C256PC-55, MX27C256PC-70, MX27C256PC-90, MX27C256PI-10, MX27C256PI-12, MX27C256PI-15, MX27C256PI-45, MX27C256PI-55, MX27C256PI-70, MX27C256PI-90**MX27C256 [ PLCC 32 ]****Manufacturer:** Macronix**Required Adapter:** [PLCC32-DIP28](#)**Variants:** MX27C256QC-10, MX27C256QC-12, MX27C256QC-15, MX27C256QC-45, MX27C256QC-55, MX27C256QC-70, MX27C256QC-90, MX27C256QI-10, MX27C256QI-12, MX27C256QI-15, MX27C256QI-45, MX27C256QI-55, MX27C256QI-70, MX27C256QI-90**MX27C256 [ TSOP 28 (8x14mm) ]****Manufacturer:** Macronix**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** MX27C256TC-10, MX27C256TC-12, MX27C256TC-15, MX27C256TC-45, MX27C256TC-55, MX27C256TC-70, MX27C256TC-90, MX27C256TI-10, MX27C256TI-12, MX27C256TI-15, MX27C256TI-45, MX27C256TI-55, MX27C256TI-70, MX27C256TI-90

**MX27C4000 [ DIP 32 ]****Manufacturer:** Macronix**Required Adapter:** None**Variants:** MX27C4000PC-10, MX27C4000PC-12, MX27C4000PC-15, MX27C4000PC-90, MX27C4000PI-10, MX27C4000PI-12, MX27C4000PI-15, MX27C4000PI-90**MX27C4000 [ PLCC 32 ]****Manufacturer:** Macronix**Required Adapter:** [PLCC32-DIP32](#)**Variants:** MX27C4000QC-10, MX27C4000QC-12, MX27C4000QC-15, MX27C4000QC-90, MX27C4000QI-10, MX27C4000QI-12, MX27C4000QI-15, MX27C4000QI-90**MX27C4000 [ SOIC 32 (450mil) ]****Manufacturer:** Macronix**Required Adapter:** [SOIC32\(450mil\)-DIP32](#)**Variants:** MX27C4000MC-10, MX27C4000MC-12, MX27C4000MC-15, MX27C4000MC-90, MX27C4000MI-10, MX27C4000MI-12, MX27C4000MI-15, MX27C4000MI-90**MX27C4000 [ TSOP 32 (8x20mm) ]****Manufacturer:** Macronix**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** MX27C4000TC-10, MX27C4000TC-12, MX27C4000TC-15, MX27C4000TC-90, MX27C4000TI-10, MX27C4000TI-12, MX27C4000TI-15, MX27C4000TI-90**MX27C512 [ DIP 28 ]****Manufacturer:** Macronix**Required Adapter:** None**Variants:** MX27C512PC-12, MX27C512PC-15, MX27C512PC-45, MX27C512PC-55, MX27C512PC-70, MX27C512PC-90, MX27C512PI-12, MX27C512PI-15, MX27C512PI-45, MX27C512PI-55, MX27C512PI-70, MX27C512PI-90**MX27C512 [ PLCC 32 ]****Manufacturer:** Macronix**Required Adapter:** [PLCC32-DIP28](#)**Variants:** MX27C512QC-12, MX27C512QC-15, MX27C512QC-45, MX27C512QC-55, MX27C512QC-70, MX27C512QC-90, MX27C512QI-12, MX27C512QI-15, MX27C512QI-45, MX27C512QI-55, MX27C512QI-70, MX27C512QI-90**MX27C512 [ TSOP 28 (8x14mm) ]****Manufacturer:** Macronix**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** MX27C512TA-120, MX27C512TA-90, MX27C512TC-12, MX27C512TC-15, MX27C512TC-45, MX27C512TC-55, MX27C512TC-70, MX27C512TC-90, MX27C512TI-12, MX27C512TI-15, MX27C512TI-45, MX27C512TI-55, MX27C512TI-70, MX27C512TI-90**MX27C8000 [ DIP 32 ]****Manufacturer:** Macronix**Required Adapter:** None**Variants:** MX27C8000-PC-10, MX27C8000-PC-12, MX27C8000-PC-15**MX27C8000 [ PLCC 32 ]****Manufacturer:** Macronix**Required Adapter:** [PLCC32-DIP32](#)**Variants:** MX27C8000-QC-10, MX27C8000-QC-12, MX27C8000-QC-15**MX27C8000 [ SOIC 32 (450mil) ]****Manufacturer:** Macronix**Required Adapter:** [SOIC32\(450mil\)-DIP32](#)**Variants:** MX27C8000-MC-10, MX27C8000-MC-12, MX27C8000-MC-15**MX27C8000 [ TSOP 32 (8x20mm) ]****Manufacturer:** Macronix**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** MX27C8000-TC-10, MX27C8000-TC-12, MX27C8000-TC-15**MX29F001B [ DIP 32 ]****Manufacturer:** Macronix**Required Adapter:** None**Variants:** MX29F001BPC-12, MX29F001BPC-55, MX29F001BPC-70, MX29F001BPC-90**MX29F001B [ PLCC 32 ]****Manufacturer:** Macronix**Required Adapter:** [PLCC32-DIP32](#)**Variants:** MX29F001BQC-12, MX29F001BQC-55, MX29F001BQC-70, MX29F001BQC-90

**MX29F001B [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Macronix

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** MX29F001BTC-12, MX29F001BTC-55, MX29F001BTC-70, MX29F001BTC-90

**MX29F001T [ DIP 32 ]**

**Manufacturer:** Macronix

**Required Adapter:** None

**Variants:** MX29F001TPC-12, MX29F001TPC-55, MX29F001TPC-70, MX29F001TPC-90

**MX29F001T [ PLCC 32 ]**

**Manufacturer:** Macronix

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** MX29F001TQC-12, MX29F001TQC-55, MX29F001TQC-70, MX29F001TQC-90

**MX29F001T [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Macronix

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** MX29F001TTC-12, MX29F001TTC-55, MX29F001TTC-70, MX29F001TTC-90

**MX29F002B [ DIP 32 ]**

**Manufacturer:** Macronix

**Required Adapter:** None

**Variants:** MX29F002BPC-12, MX29F002BPC-55, MX29F002BPC-70, MX29F002BPC-90, MX29F002BPI-12, MX29F002BPI-70, MX29F002BPI-90

**MX29F002B [ PLCC 32 ]**

**Manufacturer:** Macronix

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** MX29F002BQC-12, MX29F002BQC-55, MX29F002BQC-70, MX29F002BQC-90, MX29F002BQI-12, MX29F002BQI-70, MX29F002BQI-90

**MX29F002B [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Macronix

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** MX29F002BTC-12, MX29F002BTC-55, MX29F002BTC-70, MX29F002BTC-90, MX29F002BTI-12, MX29F002BTI-70, MX29F002BTI-90

**MX29F002NB [ DIP 32 ]**

**Manufacturer:** Macronix

**Required Adapter:** None

**Variants:** MX29F002NBPC-12, MX29F002NBPC-55, MX29F002NBPC-70, MX29F002NBPC-90, MX29F002NBPI-12, MX29F002NBPI-70, MX29F002NBPI-90

**MX29F002NB [ PLCC 32 ]**

**Manufacturer:** Macronix

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** MX29F002NBQC-12, MX29F002NBQC-55, MX29F002NBQC-70, MX29F002NBQC-90, MX29F002NBQI-12, MX29F002NBQI-70, MX29F002NBQI-90

**MX29F002NB [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Macronix

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** MX29F002NBTC-12, MX29F002NBTC-55, MX29F002NBTC-70, MX29F002NBTC-90, MX29F002NBTI-12, MX29F002NBTI-70, MX29F002NBTI-90

**MX29F002NT [ DIP 32 ]**

**Manufacturer:** Macronix

**Required Adapter:** None

**Variants:** MX29F002NTPC-12, MX29F002NTPC-55, MX29F002NTPC-70, MX29F002NTPC-90, MX29F002NTPI-12, MX29F002NTPI-70, MX29F002NTPI-90

**MX29F002NT [ PLCC 32 ]**

**Manufacturer:** Macronix

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** MX29F002NTQC-12, MX29F002NTQC-55, MX29F002NTQC-70, MX29F002NTQC-90, MX29F002NTQI-12, MX29F002NTQI-70, MX29F002NTQI-90

**MX29F002NT [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Macronix

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** MX29F002NTTC-12, MX29F002NTTC-55, MX29F002NTTC-70, MX29F002NTTC-90, MX29F002NTTI-12, MX29F002NTTI-70, MX29F002NTTI-90

**MX29F002T [ DIP 32 ]**

**Manufacturer:** Macronix

**Required Adapter:** None

**Variants:** MX29F002TPC-12, MX29F002TPC-55, MX29F002TPC-70, MX29F002TPC-90, MX29F002TPI-12, MX29F002TPI-70, MX29F002TPI-90

**MX29F002T [ PLCC 32 ]**

**Manufacturer:** Macronix

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** MX29F002TQC-12, MX29F002TQC-55, MX29F002TQC-70, MX29F002TQC-90, MX29F002TQI-12, MX29F002TQI-70, MX29F002TQI-90

**MX29F002T [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Macronix

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** MX29F002TTC-12, MX29F002TTC-55, MX29F002TTC-70, MX29F002TTC-90, MX29F002TTI-12, MX29F002TTI-70, MX29F002TTI-90

**MX29F004B [ DIP 32 ]**

**Manufacturer:** Macronix

**Required Adapter:** None

**Variants:** MX29F004BPC-12, MX29F004BPC-70, MX29F004BPC-90

**MX29F004B [ PLCC 32 ]**

**Manufacturer:** Macronix

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** MX29F004BQC-12, MX29F004BQC-70, MX29F004BQC-90

**MX29F004B [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Macronix

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** MX29F004BTC-12, MX29F004BTC-70, MX29F004BTC-90

**MX29F004T [ DIP 32 ]**

**Manufacturer:** Macronix

**Required Adapter:** None

**Variants:** MX29F004TPC-12, MX29F004TPC-70, MX29F004TPC-90

**MX29F004T [ PLCC 32 ]**

**Manufacturer:** Macronix

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** MX29F004TQC-12, MX29F004TQC-70, MX29F004TQC-90

**MX29F004T [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Macronix

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** MX29F004TTC-12, MX29F004TTC-70, MX29F004TTC-90

**MX29F040 [ DIP 32 ]**

**Manufacturer:** Macronix

**Required Adapter:** None

**Variants:** MX29F040PC-12, MX29F040PC-55, MX29F040PC-70, MX29F040PC-90

**MX29F040 [ PLCC 32 ]**

**Manufacturer:** Macronix

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** MX29F040QC-12, MX29F040QC-55, MX29F040QC-70, MX29F040QC-90

**MX29F040 [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Macronix

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** MX29F040TC-12, MX29F040TC-55, MX29F040TC-70, MX29F040TC-90

**MX29F040C [ PLCC 32 ]**

**Manufacturer:** Macronix

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** MX29F040CQC-70, MX29F040CQC-70G, MX29F040CQC-90, MX29F040CQC-90G, MX29F040CQI-70, MX29F040CQI-70G, MX29F040CQI-90, MX29F040CQI-90G

Image not found.

**MX29F040C [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Macronix

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** MX29F040CTC-70, MX29F040CTC-70G, MX29F040CTC-90, MX29F040CTC-90G, MX29F040CTI-70, MX29F040CTI-70G, MX29F040CTI-90, MX29F040CTI-90G

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## Maxwell Technologies

### 27C512T [ DIP 32 ]

**Manufacturer:** Maxwell Technologies

**Required Adapter:** None

**Variants:** 27C512TDB-12, 27C512TDB-15, 27C512TDB-20, 27C512TDE-12, 27C512TDE-15, 27C512TDE-20, 27C512TDI-12, 27C512TDI-15, 27C512TDI-20, 27C512TDS-12, 27C512TDS-15, 27C512TDS-20, 27C512TRPDB-12, 27C512TRPDB-15, 27C512TRPDB-20, 27C512TRPDE-12, 27C512TRPDE-15, 27C512TRPDE-20, 27C512TRPDI-12, 27C512TRPDI-15, 27C512TRPDI-20, 27C512TRPDS-12, 27C512TRPDS-15, 27C512TRPDS-20

## Microchip

### 27C128 [ DIP 28 ]

**Manufacturer:** Microchip

**Required Adapter:** None

**Variants:** 27C128-12/P, 27C128-12E/P, 27C128-12I/P, 27C128-15/P, 27C128-15E/P, 27C128-15I/P, 27C128-17/P, 27C128-17E/P, 27C128-17I/P, 27C128-20/P, 27C128-20E/P, 27C128-20I/P, 27C128-25/P, 27C128-25E/P, 27C128-25I/P

### 27C128 [ PLCC 32 ]

**Manufacturer:** Microchip

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** 27C128-12/L, 27C128-12E/L, 27C128-12I/L, 27C128-15/L, 27C128-15E/L, 27C128-15I/L, 27C128-17/L, 27C128-17E/L, 27C128-17I/L, 27C128-20/L, 27C128-20E/L, 27C128-20I/L, 27C128-25/L, 27C128-25E/L, 27C128-25I/L

### 27C128 [ SSOP 28 (210mil) ]

**Manufacturer:** Microchip

**Required Adapter:** [SSOP28\(210mil\)-DIP28](#)

**Variants:** 27C128-12/SO, 27C128-12E/SO, 27C128-12I/SO, 27C128-15/SO, 27C128-15E/SO, 27C128-15I/SO, 27C128-17/SO, 27C128-17E/SO, 27C128-17I/SO, 27C128-20/SO, 27C128-20E/SO, 27C128-20I/SO, 27C128-25/SO, 27C128-25E/SO, 27C128-25I/SO

### 27C256 [ DIP 28 ]

**Manufacturer:** Microchip

**Required Adapter:** None

**Variants:** 27C256-10EP, 27C256-10IP, 27C256-10P, 27C256-12EP, 27C256-12IP, 27C256-12P, 27C256-15EP, 27C256-15IP, 27C256-15P, 27C256-20EP, 27C256-20IP, 27C256-20P, 27C256-90EP, 27C256-90IP, 27C256-90P

### 27C256 [ PLCC 32 ]

**Manufacturer:** Microchip

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** 27C256-10EL, 27C256-10IL, 27C256-10L, 27C256-12EL, 27C256-12IL, 27C256-12L, 27C256-15EL, 27C256-15IL, 27C256-15L, 27C256-20EL, 27C256-20IL, 27C256-20L, 27C256-90EL, 27C256-90IL, 27C256-90L

### 27C256 [ SOIC 28 (300mil) ]

**Manufacturer:** Microchip

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** 27C256-10ESO, 27C256-10ISO, 27C256-10S, 27C256-12ESO, 27C256-12ISO, 27C256-12S, 27C256-15ESO, 27C256-15ISO, 27C256-15S, 27C256-20ESO, 27C256-20ISO, 27C256-20S, 27C256-90ESO, 27C256-90ISO, 27C256-90S

### 27C256 [ TSOP 28 (8x14mm) ]

**Manufacturer:** Microchip

**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)

**Variants:** 27C256-10EVS, 27C256-10IVS, 27C256-10VS, 27C256-12EVS, 27C256-12IVS, 27C256-12VS, 27C256-15EVS, 27C256-15IVS, 27C256-15VS, 27C256-20EVS, 27C256-20IVS, 27C256-20VS, 27C256-90EVS, 27C256-90IVS, 27C256-90VS

### 27C256 [ TSOP 28 (8x20mm) ]

**Manufacturer:** Microchip

**Required Adapter:** [TSOP28\(8x20mm\)-DIP28](#)

**Variants:** 27C256-10ETS, 27C256-10ITS, 27C256-10TS, 27C256-12ETS, 27C256-12ITS, 27C256-12TS, 27C256-15ETS, 27C256-15ITS, 27C256-15TS, 27C256-20ETS, 27C256-20ITS, 27C256-20TS, 27C256-90ETS, 27C256-90ITS, 27C256-90TS

### 27C512 [ DIP 28 ]

**Manufacturer:** Microchip

**Required Adapter:** None

**Variants:** 27C51210-/J, 27C51210-/P, 27C51210E/J, 27C51210E/P, 27C51210I/J, 27C51210I/P, 27C51212-/J, 27C51212-/P, 27C51212E/J, 27C51212E/P, 27C51212I/J, 27C51212I/P, 27C51215-/J, 27C51215-/P, 27C51215E/J, 27C51215E/P, 27C51215I/J, 27C51215I/P, 27C51220-/J, 27C51220-/P, 27C51220E/J, 27C51220E/P, 27C51220I/J, 27C51220I/P, 27C51290-/J, 27C51290-/P, 27C51290E/J, 27C51290E/P, 27C51290I/J, 27C51290I/P

### 27C512 [ PLCC 32 ]

**Manufacturer:** Microchip

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** 27C51210-/K, 27C51210-/L, 27C51210E/K, 27C51210E/L, 27C51210I/K, 27C51210I/L, 27C51212-/K, 27C51212-/L, 27C51212E/K, 27C51212E/L, 27C51212I/K, 27C51212I/L, 27C51215-/K, 27C51215-/L, 27C51215E/K, 27C51215E/L, 27C51215I/K, 27C51215I/L, 27C51220-/K, 27C51220-/L, 27C51220E/K, 27C51220E/L, 27C51220I/K, 27C51220I/L, 27C51290-/K, 27C51290-/L, 27C51290E/K, 27C51290E/L, 27C51290I/K, 27C51290I/L

### 27C512 [ SOIC 28 (300mil) ]

**Manufacturer:** Microchip

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** 27C51210-/SO, 27C51210E/SO, 27C51210I/SO, 27C51212-/SO, 27C51212E/SO, 27C51212I/SO, 27C51215-/SO, 27C51215E/SO, 27C51215I/SO, 27C51220-/SO, 27C51220E/SO, 27C51220I/SO, 27C51290-/SO, 27C51290E/SO, 27C51290I/SO



**27C512 [ TSOP 28 (8x20mm) ]****Manufacturer:** Microchip**Required Adapter:** [TSOP28\(8x20mm\)-DIP28](#)**Variants:** 27C51210-/TS, 27C51210E/TS, 27C51210I/TS, 27C51212-/TS, 27C51212E/TS, 27C51212I/TS, 27C51215-/TS, 27C51215E/TS, 27C51215I/TS, 27C51220-/TS, 27C51220E/TS, 27C51220I/TS, 27C51290-/TS, 27C51290E/TS, 27C51290I/TS**27C512A [ DIP 28 ]****Manufacturer:** Microchip**Required Adapter:** None**Variants:** 27C512A-10/P, 27C512A-10E/P, 27C512A-10I/P, 27C512A-12/P, 27C512A-12E/P, 27C512A-12I/P, 27C512A-15/P, 27C512A-15E/P, 27C512A-15I/P, 27C512A-70/P, 27C512A-70E/P, 27C512A-70I/P, 27C512A-90/P, 27C512A-90E/P, 27C512A-90I/P**27C512A [ PLCC 32 ]****Manufacturer:** Microchip**Required Adapter:** [PLCC32-DIP28](#)**Variants:** 27C512A-10/L, 27C512A-10E/L, 27C512A-10I/L, 27C512A-12/L, 27C512A-12E/L, 27C512A-12I/L, 27C512A-15/L, 27C512A-15E/L, 27C512A-15I/L, 27C512A-70/L, 27C512A-70E/L, 27C512A-70I/L, 27C512A-90/L, 27C512A-90E/L, 27C512A-90I/L**27C512A [ SOIC 28 (300mil) ]****Manufacturer:** Microchip**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** 27C512A-10/SO, 27C512A-10E/SO, 27C512A-10I/SO, 27C512A-12/SO, 27C512A-12E/SO, 27C512A-12I/SO, 27C512A-15/SO, 27C512A-15E/SO, 27C512A-15I/SO, 27C512A-70/SO, 27C512A-70E/SO, 27C512A-70I/SO, 27C512A-90/SO, 27C512A-90E/SO, 27C512A-90I/SO**27C512A [ TSOP 28 (8x14mm) ]****Manufacturer:** Microchip**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** 27C512A-10/VS, 27C512A-10E/VS, 27C512A-10I/VS, 27C512A-12/VS, 27C512A-12E/VS, 27C512A-12I/VS, 27C512A-15/VS, 27C512A-15E/VS, 27C512A-15I/VS, 27C512A-70/VS, 27C512A-70E/VS, 27C512A-70I/VS, 27C512A-90/VS, 27C512A-90E/VS, 27C512A-90I/VS**27C512A [ TSOP 28 (8x20mm) ]****Manufacturer:** Microchip**Required Adapter:** [TSOP28\(8x20mm\)-DIP28](#)**Variants:** 27C512A-10/TS, 27C512A-10E/TS, 27C512A-10I/TS, 27C512A-12/TS, 27C512A-12E/TS, 27C512A-12I/TS, 27C512A-15/TS, 27C512A-15E/TS, 27C512A-15I/TS, 27C512A-70/TS, 27C512A-70E/TS, 27C512A-70I/TS, 27C512A-90/TS, 27C512A-90E/TS, 27C512A-90I/TS**27C64 [ DIP 28 ]****Manufacturer:** Microchip**Required Adapter:** None**Variants:** 27C64-12/P, 27C64-12I/P, 27C64-15/P, 27C64-15I/P, 27C64-17/P, 27C64-17I/P, 27C64-20/P, 27C64-20I/P, 27C64-25/P, 27C64-25I/P**27C64 [ PLCC 32 ]****Manufacturer:** Microchip**Required Adapter:** [PLCC32-DIP28](#)**Variants:** 27C64-12/L, 27C64-12I/L, 27C64-15/L, 27C64-15I/L, 27C64-17/L, 27C64-17I/L, 27C64-20/L, 27C64-20I/L, 27C64-25/L, 27C64-25I/L**27C64 [ SOIC 28 (300mil) ]****Manufacturer:** Microchip**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** 27C64-12/SO, 27C64-12I/SO, 27C64-15/SO, 27C64-15I/SO, 27C64-17/SO, 27C64-17I/SO, 27C64-20/SO, 27C64-20I/SO, 27C64-25/SO, 27C64-25I/SO**2816A [ DIP 24 ]****Manufacturer:** Microchip**Required Adapter:** None**Variants:** 2816A-15IP, 2816A-15P, 2816A-20IP, 2816A-20P, 2816A-25IP, 2816A-25P, 2816AF-15IP, 2816AF-15P, 2816AF-20IP, 2816AF-20P, 2816AF-25IP, 2816AF-25P, 2816AFT-15IP, 2816AFT-15P, 2816AFT-20IP, 2816AFT-20P, 2816AFT-25IP, 2816AFT-25P**2816A [ PLCC 32 ]****Manufacturer:** Microchip**Required Adapter:** [PLCC32-DIP24](#)**Variants:** 2816A-15IL, 2816A-15L, 2816A-20IL, 2816A-20L, 2816A-25IL, 2816A-25L, 2816AF-15IL, 2816AF-15L, 2816AF-20IL, 2816AF-20L, 2816AF-25IL, 2816AF-25L, 2816AFT-15IL, 2816AFT-15L, 2816AFT-20IL, 2816AFT-20L, 2816AFT-25IL, 2816AFT-25L**28C17A [ DIP 28 ]****Manufacturer:** Microchip**Required Adapter:** None**Variants:** 28C17A-15/P, 28C17A-15I/P, 28C17A-20/P, 28C17A-20I/P, 28C17A-25/P, 28C17A-25I/P

**28C17A [ PLCC 32 ]****Manufacturer:** Microchip**Required Adapter:** [PLCC32-DIP28](#)**Variants:** 28C17A-15/L, 28C17A-15I/L, 28C17A-20/L, 28C17A-20I/L, 28C17A-25/L, 28C17A-25I/L**28C17A [ TSOP 28 (8x20mm) ]****Manufacturer:** Microchip**Required Adapter:** [TSOP28\(8x20mm\)-DIP28](#)**Variants:** 28C17A-15/TS, 28C17A-15I/TS, 28C17A-20/TS, 28C17A-20I/TS, 28C17A-25/TS, 28C17A-25I/TS**28C17A [ VSOP 28 (8x14mm) ]****Manufacturer:** Microchip**Required Adapter:** [VSOP28\(8x14mm\)-DIP28](#)**Variants:** 28C17A-15/VS, 28C17A-15I/VS, 28C17A-20/VS, 28C17A-20I/VS, 28C17A-25/VS, 28C17A-25I/VS**28C64A [ DIP 28 ]****Manufacturer:** Microchip**Required Adapter:** None**Variants:** 28C64A-15/P, 28C64A-15I/P, 28C64A-20/P, 28C64A-20I/P, 28C64A-25/P, 28C64A-25I/P, 28C64AF-15/P, 28C64AF-15I/P, 28C64AF-20/P, 28C64AF-20I/P, 28C64AF-25/P, 28C64AF-25I/P, 28C64AFT-15/P, 28C64AFT-15I/P, 28C64AFT-20/P, 28C64AFT-20I/P, 28C64AFT-25/P, 28C64AFT-25I/P, 28C64AT-15/P, 28C64AT-15I/P, 28C64AT-20/P, 28C64AT-20I/P, 28C64AT-25/P, 28C64AT-25I/P**28C64A [ PLCC 32 ]****Manufacturer:** Microchip**Required Adapter:** [PLCC32-DIP28](#)**Variants:** 28C64A-15/L, 28C64A-15I/L, 28C64A-20/L, 28C64A-20I/L, 28C64A-25/L, 28C64A-25I/L, 28C64AF-15/L, 28C64AF-15I/L, 28C64AF-20/L, 28C64AF-20I/L, 28C64AF-25/L, 28C64AF-25I/L, 28C64AFT-15/L, 28C64AFT-15I/L, 28C64AFT-20/L, 28C64AFT-20I/L, 28C64AFT-25/L, 28C64AFT-25I/L, 28C64AT-15/L, 28C64AT-15I/L, 28C64AT-20/L, 28C64AT-20I/L, 28C64AT-25/L, 28C64AT-25I/L**28C64A [ SOIC 28 (300mil) ]****Manufacturer:** Microchip**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** 28C64A-15/SO, 28C64A-15I/SO, 28C64A-20/SO, 28C64A-20I/SO, 28C64A-25/SO, 28C64A-25I/SO, 28C64AF-15/SO, 28C64AF-15I/SO, 28C64AF-20/SO, 28C64AF-20I/SO, 28C64AF-25/SO, 28C64AF-25I/SO, 28C64AFT-15/SO, 28C64AFT-15I/SO, 28C64AFT-20/SO, 28C64AFT-20I/SO, 28C64AFT-25/SO, 28C64AFT-25I/SO, 28C64AT-15/SO, 28C64AT-15I/SO, 28C64AT-20/SO, 28C64AT-20I/SO, 28C64AT-25/SO, 28C64AT-25I/SO**28C64A [ TSOP 28 (8x14mm) ]****Manufacturer:** Microchip**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** 28C64A-15/TS, 28C64A-15I/TS, 28C64A-20/TS, 28C64A-20I/TS, 28C64A-25/TS, 28C64A-25I/TS, 28C64AF-15/TS, 28C64AF-15I/TS, 28C64AF-20/TS, 28C64AF-20I/TS, 28C64AF-25/TS, 28C64AF-25I/TS, 28C64AFT-15/TS, 28C64AFT-15I/TS, 28C64AFT-20/TS, 28C64AFT-20I/TS, 28C64AFT-25/TS, 28C64AFT-25I/TS, 28C64AT-15/TS, 28C64AT-15I/TS, 28C64AT-20/TS, 28C64AT-20I/TS, 28C64AT-25/TS, 28C64AT-25I/TS**28C64A [ VSOP 28 (8x14mm) ]****Manufacturer:** Microchip**Required Adapter:** [VSOP28\(8x14mm\)-DIP28](#)**Variants:** 28C64A-15/VS, 28C64A-15I/VS, 28C64A-20/VS, 28C64A-20I/VS, 28C64A-25/VS, 28C64A-25I/VS, 28C64AF-15/VS, 28C64AF-15I/VS, 28C64AF-20/VS, 28C64AF-20I/VS, 28C64AF-25/VS, 28C64AF-25I/VS, 28C64AFT-15/VS, 28C64AFT-15I/VS, 28C64AFT-20/VS, 28C64AFT-20I/VS, 28C64AFT-25/VS, 28C64AFT-25I/VS, 28C64AT-15/VS, 28C64AT-15I/VS, 28C64AT-20/VS, 28C64AT-20I/VS, 28C64AT-25/VS, 28C64AT-25I/VS**28C64AX [ DIP 28 ]****Manufacturer:** Microchip**Required Adapter:** None**Variants:** 28C64AX-15I/J, 28C64AX-15I/P, 28C64AX-15J, 28C64AX-15P, 28C64AX-20I/J, 28C64AX-20I/P, 28C64AX-20J, 28C64AX-20P, 28C64AX-25I/J, 28C64AX-25I/P, 28C64AX-25J, 28C64AX-25P, 28C64AXT-15I/J, 28C64AXT-15I/P, 28C64AXT-15J, 28C64AXT-15P, 28C64AXT-20I/J, 28C64AXT-20I/P, 28C64AXT-20J, 28C64AXT-20P, 28C64AXT-25I/J, 28C64AXT-25I/P, 28C64AXT-25J, 28C64AXT-25P**28C64AX [ PLCC 32 ]****Manufacturer:** Microchip**Required Adapter:** [PLCC32-DIP28](#)**Variants:** 28C64AX-15I/L, 28C64AX-15L, 28C64AX-20I/L, 28C64AX-20L, 28C64AX-25I/L, 28C64AX-25L, 28C64AXT-15I/L, 28C64AXT-15L, 28C64AXT-20I/L, 28C64AXT-20L, 28C64AXT-25I/L, 28C64AXT-25L**28C64AX [ SOIC 28 (300mil) ]****Manufacturer:** Microchip**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** 28C64AX-15I/SO, 28C64AX-15SO, 28C64AX-20I/SO, 28C64AX-20SO, 28C64AX-25I/SO, 28C64AX-25SO, 28C64AXT-15I/SO, 28C64AXT-15SO, 28C64AXT-20I/SO, 28C64AXT-20SO, 28C64AXT-25I/SO, 28C64AXT-25SO

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## **28C64AX [ TSOP 28 (8x14mm) ]**

**Manufacturer:** Microchip

**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)

**Variants:** 28C64AX-15I/TS, 28C64AX-15TS, 28C64AX-20I/TS, 28C64AX-20TS, 28C64AX-25I/TS, 28C64AX-25TS, 28C64AXT-15I/TS, 28C64AXT-15TS, 28C64AXT-20I/TS, 28C64AXT-20TS, 28C64AXT-25I/TS, 28C64AXT-25TS

## Mitsubishi

### HN27C4001 [ DIP 32 ]

**Manufacturer:** Mitsubishi

**Required Adapter:** None

**Variants:** HN27C4001G-10, HN27C4001G-12, HN27C4001G-15

### HN27C4001 [ TSOP 32 (8x20mm) ]

**Manufacturer:** Mitsubishi

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** HN27C4001TT-12, HN27C4001TT-15

### M5L27128 (21V) [ DIP 28 ]

**Manufacturer:** Mitsubishi

**Required Adapter:** None

**Variants:** M5L27128-, M5L27128-2

### M5L27256 (12.5V) [ DIP 28 ]

**Manufacturer:** Mitsubishi

**Required Adapter:** None

**Variants:** M5L27256K, M5L27256K-2

### M5L2732 (25V) [ DIP 24 ]

**Manufacturer:** Mitsubishi

**Required Adapter:** None

**Variants:** M5L2732K, M5L2732K6

### M5L27512 (12.5V) [ DIP 28 ]

**Manufacturer:** Mitsubishi

**Required Adapter:** None

**Variants:** M5L27512K, M5L27512K-17, M5L27512K-2

### M5L2764 (21V) [ DIP 28 ]

**Manufacturer:** Mitsubishi

**Required Adapter:** None

**Variants:** M5L2764K, M5L2764K-2

### M5M27C101K [ DIP 32 ]

**Manufacturer:** Mitsubishi

**Required Adapter:** None

**Variants:** M5M27C101K-12, M5M27C101K-15

### M5M27C256 [ DIP 28 ]

**Manufacturer:** Mitsubishi

**Required Adapter:** None

**Variants:** M5M27C256AK, M5M27C256AK-10, M5M27C256AK-12, M5M27C256AK-15, M5M27C256AK-85, M5M27C256K, M5M27C256K-12, M5M27C256K-15

### M5M27C512 [ DIP 28 ]

**Manufacturer:** Mitsubishi

**Required Adapter:** None

**Variants:** M5M27C512AK, M5M27C512AK-10, M5M27C512AK-12, M5M27C512AK-15

### M5M28C64A [ DIP 28 ]

**Manufacturer:** Mitsubishi

**Required Adapter:** None

**Variants:** M5M28C64AFP, M5M28C64AFP-15, M5M28C64AP, M5M28C64AP-15

### M5M28C64A [ TSOP 28 (8x14mm) ]

**Manufacturer:** Mitsubishi

**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)

**Variants:** M5M28C64AVP, M5M28C64AVP-15

## NEC

### D27128D (21V) [ DIP 28 ]

**Manufacturer:** NEC  
**Required Adapter:** None  
**Variants:** D27128D-2, D27128D-20, D27128D-3, D27128D-4

### D2716D (read only) [ DIP 24 ]

**Manufacturer:** NEC  
**Required Adapter:** None  
**Variants:** D2716D-, D2716D-2

### D2732A (21V) [ DIP 24 ]

**Manufacturer:** NEC  
**Required Adapter:** None  
**Variants:** D2732A-2

### D2732D (25V) [ DIP 24 ]

**Manufacturer:** NEC  
**Required Adapter:** None  
**Variants:** D2732D-2, D2732D-4

### D2764D (21V) [ DIP 28 ]

**Manufacturer:** NEC  
**Required Adapter:** None  
**Variants:** D2764D-DIP

### D27C1001A [ DIP 32 ]

**Manufacturer:** NEC  
**Required Adapter:** None  
**Variants:** D27C1001AD-12, D27C1001AD-15, D27C1001AD-20

### D27C2001 [ DIP 32 ]

**Manufacturer:** NEC  
**Required Adapter:** None  
**Variants:** D27C2001-15, D27C2001-17

### D27C256 [ DIP 28 ]

**Manufacturer:** NEC  
**Required Adapter:** None  
**Variants:** D27C256D-15, D27C256D-20, D27C256D-25

### D27C4001 [ DIP 32 ]

**Manufacturer:** NEC  
**Required Adapter:** None  
**Variants:** D27C4001D

### D27C4001 [ PLCC 32 ]

**Manufacturer:** NEC  
**Required Adapter:** [PLCC32-DIP32](#)  
**Variants:** D27C4001P

### NMC27C64 [ DIP 28 ]

**Manufacturer:** NEC  
**Required Adapter:** None  
**Variants:** NMC27C64N-150, NMC27C64N-200, NMC27C64NE-200, NMC27C64Q-15, NMC27C64Q-150, NMC27C64Q-200, NMC27C64QE-200

### UPD27C256 [ DIP 28 ]

**Manufacturer:** NEC  
**Required Adapter:** None  
**Variants:** UPD27C256-15, UPD27C256-20, UPD27C256-25

### UPD27C256A [ DIP 28 ]

**Manufacturer:** NEC  
**Required Adapter:** None  
**Variants:** UPD27C256AD-15, UPD27C256AD-20

### UPD27C512 [ DIP 28 ]

**Manufacturer:** NEC  
**Required Adapter:** None  
**Variants:** UPD27C512-15, UPD27C512-20

**μPD28C64C [ DIP 28 ]****Manufacturer:** NEC**Required Adapter:** None**Variants:** μPD28C64C-20, μPD28C64C-25**D27256 (12.5V) [ DIP 28 ]****Manufacturer:** NEC**Required Adapter:** None**Variants:** D27256-, D27256-3**D27256 (21V) [ DIP 28 ]****Manufacturer:** NEC**Required Adapter:** None**Variants:** D27256-, D27256-3**D27256D (21V) [ DIP 28 ]****Manufacturer:** NEC**Required Adapter:** None**Variants:** D27256D-, D27256D-3**PD27256 (12.5V) [ DIP 28 ]****Manufacturer:** NEC**Required Adapter:** None**Variants:** PD27256-, PD27256-3**PD27256 (21V) [ DIP 28 ]****Manufacturer:** NEC**Required Adapter:** None**Variants:** PD27256-, PD27256-3**PD27256D (21V) [ DIP 28 ]****Manufacturer:** NEC**Required Adapter:** None**Variants:** PD27256D-, PD27256D-3

## National

### NM27C010 [ DIP 32 ]

**Manufacturer:** National

**Required Adapter:** None

**Variants:** NM27C010-N120, NM27C010-N150, NM27C010-N200, NM27C010-N90, NM27C010-NE100, NM27C010-NE120, NM27C010-NE150, NM27C010-NE200, NM27C010-Q120, NM27C010-Q150, NM27C010-Q200, NM27C010-Q90, NM27C010-QE100, NM27C010-QE120, NM27C010-QE150, NM27C010-QE200, NM27C010-QM150, NM27C010-QM200

### NM27C010 [ PLCC 32 ]

**Manufacturer:** National

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** NM27C010-V120, NM27C010-V150, NM27C010-V200, NM27C010-V90, NM27C010-VE100, NM27C010-VE120, NM27C010-VE150, NM27C010-VE200

### NM27C010 [ TSOP 32 (10x20mm) ]

**Manufacturer:** National

**Required Adapter:** None

**Variants:** NM27C010-T120, NM27C010-T150, NM27C010-T200, NM27C010-T90, NM27C010-TE100, NM27C010-TE120, NM27C010-TE150, NM27C010-TE200

### NM27C020 [ DIP 32 ]

**Manufacturer:** National

**Required Adapter:** None

**Variants:** NM27C020-Q100, NM27C020-Q120, NM27C020-Q150, NM27C020-Q200, NM27C020-QE100, NM27C020-QE120, NM27C020-QE150, NM27C020-QE200

### NM27C020 [ PLCC 32 ]

**Manufacturer:** National

**Required Adapter:** None

**Variants:** NM27C020-V120, NM27C020-V150, NM27C020-V200, NM27C020-VE100, NM27C020-VE120, NM27C020-VE150, NM27C020-VE200

### NM27C040 [ DIP 32 ]

**Manufacturer:** National

**Required Adapter:** None

**Variants:** NM27C040-Q120, NM27C040-Q150, NM27C040-Q170, NM27C040-Q200, NM27C040-QE150, NM27C040-QE170, NM27C040-QE200, NM27C040-QM150, NM27C040-QM200

### NM27C040 [ PLCC 32 ]

**Manufacturer:** National

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** NM27C040-V120, NM27C040-V150, NM27C040-V170, NM27C040-V200, NM27C040-VE150, NM27C040-VE170, NM27C040-VE200

### NM27C040 [ TSOP 32 (8x20mm) ]

**Manufacturer:** National

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** NM27C040-V120, NM27C040-V150, NM27C040-V170, NM27C040-V200, NM27C040-VE150, NM27C040-VE170, NM27C040-VE200

### NM27C128 [ DIP 28 ]

**Manufacturer:** National

**Required Adapter:** None

**Variants:** NM27C128-N120, NM27C128-N150, NM27C128-N200, NM27C128-N90, NM27C128-NE120, NM27C128-NE150, NM27C128-NE200, NM27C128-Q120, NM27C128-Q150, NM27C128-Q200, NM27C128-Q90, NM27C128-QE120, NM27C128-QE150, NM27C128-QE200, NM27C128-QM120, NM27C128-QM150

### NM27C128 [ PLCC 32 ]

**Manufacturer:** National

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** NM27C128-V120, NM27C128-V150, NM27C128-V200, NM27C128-V90, NM27C128-VE120, NM27C128-VE150, NM27C128-VE200

### NM27C256 [ DIP 28 ]

**Manufacturer:** National

**Required Adapter:** None

**Variants:** NM27C256N100, NM27C256N120, NM27C256N150, NM27C256N200, NM27C256N90, NM27C256NE120, NM27C256NE150, NM27C256NE200, NM27C256Q100, NM27C256Q120, NM27C256Q150, NM27C256Q200, NM27C256Q90, NM27C256QE120, NM27C256QE150, NM27C256QE200

**NM27C256 [ PLCC 32 ]****Manufacturer:** National**Required Adapter:** [PLCC32-DIP28](#)**Variants:** NM27C256V100, NM27C256V120, NM27C256V150, NM27C256V200, NM27C256V90, NM27C256VE120, NM27C256VE150, NM27C256VE200**NM27C512 [ PLCC 32 ]****Manufacturer:** National**Required Adapter:** [PLCC32-DIP28](#)**Variants:** NM27C512V120, NM27C512V150, NM27C512V200, NM27C512V90, NM27C512VE120, NM27C512VE150, NM27C512VE200, NM27C512VE90**NM27C64 [ DIP 28 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NM27C64Q15, NM27C64Q150, NM27C64Q200, NM27C64Q200NS**NM27CP64 [ DIP 28 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NM27CP64Q15, NM27CP64Q150, NM27CP64Q200, NM27CP64Q200NS**NM27LC64 [ DIP 28 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NM27LC64Q15, NM27LC64Q150, NM27LC64Q200, NM27LC64Q200NS**NM27P040 [ DIP 32 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NM27P040-Q120, NM27P040-Q150, NM27P040-Q170, NM27P040-QE150, NM27P040-QE170, NM27P040-QM150, NM27P040-QM200**NMC27C010 [ DIP 32 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NMC27C010-Q10, NMC27C010-Q150, NMC27C010-Q17, NMC27C010-Q170, NMC27C010-Q20, NMC27C010-Q200, NMC27C010-Q25, NMC27C010-Q250, NMC27C010-QE170, NMC27C010-QE200, NMC27C010-QE250, NMC27C010-QM170, NMC27C010-QM200, NMC27C010-QM250**NMC27C010 [ PLCC 32 ]****Manufacturer:** National**Required Adapter:** [PLCC32-DIP32](#)**Variants:** NMC27C010V-Q10, NMC27C010V-Q150, NMC27C010V-Q17, NMC27C010V-Q170, NMC27C010V-Q20, NMC27C010V-Q200, NMC27C010V-Q25, NMC27C010V-Q250, NMC27C010V-QE170, NMC27C010V-QE200, NMC27C010V-QE250, NMC27C010V-QM170, NMC27C010V-QM200, NMC27C010V-QM250**NMC27C020 [ DIP 32 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NMC27C020-Q150, NMC27C020-Q170, NMC27C020-Q200, NMC27C020-Q250, NMC27C020-QE150, NMC27C020-QE170, NMC27C020-QE200, NMC27C020-QM170, NMC27C020-QM200**NMC27C020 [ PLCC 32 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NMC27C020V-Q150, NMC27C020V-Q170, NMC27C020V-Q200, NMC27C020V-Q250, NMC27C020V-QE150, NMC27C020V-QE170, NMC27C020V-QE200, NMC27C020V-QM170, NMC27C020V-QM200**NMC27C128B [ DIP 28 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NMC27C128B-Q15, NMC27C128B-Q150, NMC27C128B-Q20, NMC27C128B-Q200, NMC27C128B-Q25, NMC27C128B-Q250**NMC27C256 [ DIP 28 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NMC27C256Q17, NMC27C256Q20, NMC27C256Q200, NMC27C256Q25, NMC27C256Q250, NMC27C256Q300, NMC27C256QE200, NMC27C256QE250, NMC27C256QM250, NMC27C256QM350



**NMC27C32 [ DIP 24 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NMC27C32-30, NMC27C32-35, NMC27C32-45, NMC27C32-55, NMC27C32Q-30, NMC27C32Q-35, NMC27C32Q-45, NMC27C32Q-55, NMC27C32QE-30, NMC27C32QE-35, NMC27C32QE-45, NMC27C32QE-55**NMC27C32B [ DIP 24 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NMC27C32BQ-150, NMC27C32BQ-200, NMC27C32BQ-250, NMC27C32BQE-200**NMC27C32EH [ DIP 24 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NMC27C32EH-30, NMC27C32EH-35, NMC27C32EH-45, NMC27C32EH-55**NMC27C32H [ DIP 24 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NMC27C32H-30, NMC27C32H-35, NMC27C32H-45, NMC27C32H-55**NMC27C512A [ DIP 28 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NMC27C512AN15, NMC27C512AN150, NMC27C512AN17, NMC27C512AN170, NMC27C512AN20, NMC27C512AN200, NMC27C512AN25, NMC27C512AN250, NMC27C512ANE15, NMC27C512ANE150, NMC27C512ANE17, NMC27C512ANE170, NMC27C512ANE20, NMC27C512ANE200, NMC27C512ANE25, NMC27C512ANE250, NMC27C512AQ15, NMC27C512AQ150, NMC27C512AQ17, NMC27C512AQ170, NMC27C512AQ20, NMC27C512AQ200, NMC27C512AQ25, NMC27C512AQ250, NMC27C512AQE150, NMC27C512AQE170, NMC27C512AQE200, NMC27C512AQE250, NMC27C512AQM150, NMC27C512AQM170, NMC27C512AQM200, NMC27C512AQM250**NMC27C512A [ PLCC 32 ]****Manufacturer:** National**Required Adapter:** [PLCC32-DIP28](#)**Variants:** NMC27C512AV15, NMC27C512AV150, NMC27C512AV17, NMC27C512AV170, NMC27C512AV20, NMC27C512AV200, NMC27C512AV25, NMC27C512AV250, NMC27C512AVE15, NMC27C512AVE150, NMC27C512AVE17, NMC27C512AVE170, NMC27C512AVE20, NMC27C512AVE200, NMC27C512AVE25, NMC27C512AVE250**NMC27C64 [ DIP 28 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NMC27C64Q15, NMC27C64Q150, NMC27C64Q200, NMC27C64Q250, NMC27C64Q300, NMC27C64QE150, NMC27C64QE200, NMC27C64QM150, NMC27C64QM200, NMC27C64QM250

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## OKI Semiconductor

### **MSM28C64A [ DIP 28 ]**

**Manufacturer:** OKI Semiconductor

**Required Adapter:** None

**Variants:** MSM28C64A-15, MSM28C64A-20

## PMC

### **PM29F002B [ DIP 32 ]**

**Manufacturer:** PMC

**Required Adapter:** None

**Variants:** PM29F002B-12PC, PM29F002B-15PC, PM29F002B-55PC, PM29F002B-70PC, PM29F002B-90PC

### **PM29F002B [ PLCC 32 ]**

**Manufacturer:** PMC

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** PM29F002B-12JC, PM29F002B-15JC, PM29F002B-55JC, PM29F002B-70JC, PM29F002B-90JC

### **PM29F002T [ DIP 32 ]**

**Manufacturer:** PMC

**Required Adapter:** None

**Variants:** PM29F002T-12PC, PM29F002T-15PC, PM29F002T-55PC, PM29F002T-70PC, PM29F002T-90PC

### **PM29F002T [ PLCC 32 ]**

**Manufacturer:** PMC

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** PM29F002T-12JC, PM29F002T-15JC, PM29F002T-55JC, PM29F002T-70JC, PM29F002T-90JC

## PTC

### 27C64 [ DIP 28 ]

**Manufacturer:** PTC

**Required Adapter:** None

**Variants:** 27C64-12-/J, 27C64-12-/P, 27C64-12E/J, 27C64-12E/P, 27C64-12I/J, 27C64-12I/P, 27C64-15-/J, 27C64-15-/P, 27C64-15E/J, 27C64-15E/P, 27C64-15I/J, 27C64-15I/P, 27C64-17-/J, 27C64-17-/P, 27C64-17E/J, 27C64-17E/P, 27C64-17I/J, 27C64-17I/P, 27C64-20-/J, 27C64-20-/P, 27C64-20E/J, 27C64-20E/P, 27C64-20I/J, 27C64-20I/P, 27C64-25-/J, 27C64-25-/P, 27C64-25E/J, 27C64-25E/P, 27C64-25I/J, 27C64-25I/P

### 27C64 [ PLCC 32 ]

**Manufacturer:** PTC

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** 27C64-12-/L, 27C64-12E/L, 27C64-12I/L, 27C64-15-/L, 27C64-15E/L, 27C64-15I/L, 27C64-17-/L, 27C64-17E/L, 27C64-17I/L, 27C64-20-/L, 27C64-20E/L, 27C64-20I/L, 27C64-25-/L, 27C64-25E/L, 27C64-25I/L

### PT28C020 [ DIP 32 ]

**Manufacturer:** PTC

**Required Adapter:** None

**Variants:** PT28C020-90

### PT28C020 [ PLCC 32 ]

**Manufacturer:** PTC

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** PT28C020P-90

### PT28C020 [ TSOP 32 (8x20mm) ]

**Manufacturer:** PTC

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** PT28C020T-90

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## Panasonic

### **MN2764 (21V) [ DIP 28 ]**

**Manufacturer:** Panasonic

**Required Adapter:** None

**Variants:** MN2764-20, MN2764-25, MN2764-30, MN2764-45

## Philips Semiconductors

### 27C010 [ DIP 32 ]

**Manufacturer:** Philips Semiconductors

**Required Adapter:** None

**Variants:** 27C010-12FA, 27C010-12N, 27C010-15FA, 27C010-15N, 27C010-20FA, 27C010-20N, 27C010I15FA, 27C010I15N, 27C010I20FA, 27C010I20N

### 27C010 [ PLCC 32 ]

**Manufacturer:** Philips Semiconductors

**Required Adapter:** None

**Variants:** 27C010-12A, 27C010-15A, 27C010-20A, 27C010I15A, 27C010I20A

### 27C040 [ DIP 32 ]

**Manufacturer:** Philips Semiconductors

**Required Adapter:** None

**Variants:** 27C040-15FA, 27C040-15N, 27C040-20FA, 27C040-20N

### 27C256 [ DIP 28 ]

**Manufacturer:** Philips Semiconductors

**Required Adapter:** None

**Variants:** 27C256-12FA, 27C256-12N, 27C256-15FA, 27C256-15N, 27C256-17FA, 27C256-17N, 27C256-20FA, 27C256-20N, 27C256-90FA, 27C256-90N, 27C256A12FA, 27C256A12N, 27C256A15FA, 27C256A15N, 27C256A20FA, 27C256A20N, 27C256I12FA, 27C256I12N, 27C256I15FA, 27C256I15N, 27C256I20FA, 27C256I20N

### 27C256 [ PLCC 32 ]

**Manufacturer:** Philips Semiconductors

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** 27C256-12A, 27C256-15A, 27C256-17A, 27C256-20A, 27C256-90A, 27C256A12A, 27C256A15A, 27C256A20A, 27C256I12A, 27C256I15A, 27C256I20A

### 27C256 [ SSOP 28 (210mil) ]

**Manufacturer:** Philips Semiconductors

**Required Adapter:** [SSOP28\(210mil\)-DIP28](#)

**Variants:** 27C256-12D, 27C256-15D, 27C256-17D, 27C256-20D, 27C256-90D, 27C256A12D, 27C256A15D, 27C256A20D, 27C256I12D, 27C256I15D, 27C256I20D

### 27C512 [ DIP 28 ]

**Manufacturer:** Philips Semiconductors

**Required Adapter:** None

**Variants:** 27C512-12FA, 27C512-12N, 27C512-15FA, 27C512-15N, 27C512-17FA, 27C512-17N, 27C512-20FA, 27C512-20N, 27C512-90FA, 27C512-90N, 27C512A12FA, 27C512A12N, 27C512A15FA, 27C512A15N, 27C512A20FA, 27C512A20N, 27C512I12FA, 27C512I12N, 27C512I15FA, 27C512I15N, 27C512I20FA, 27C512I20N

### 27C512 [ PLCC 32 ]

**Manufacturer:** Philips Semiconductors

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** 27C512-12A, 27C512-15A, 27C512-17A, 27C512-20A, 27C512-90A, 27C512A12A, 27C512A15A, 27C512A20A, 27C512I12A, 27C512I15A, 27C512I20A

### 27C512 [ SSOP 28 (210mil) ]

**Manufacturer:** Philips Semiconductors

**Required Adapter:** [SSOP28\(210mil\)-DIP28](#)

**Variants:** 27C512-12D, 27C512-15D, 27C512-17D, 27C512-20D, 27C512-90D, 27C512A12D, 27C512A15D, 27C512A20D, 27C512I12D, 27C512I15D, 27C512I20D

## Ramtron

### **FM1608 [ DIP 28 ]**

**Manufacturer:** Ramtron  
**Required Adapter:** None  
**Variants:** FM1608-120-PG

### **FM1608 [ SOIC 28 (300mil) ]**

**Manufacturer:** Ramtron  
**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)  
**Variants:** FM1608-120-SG

### **FM16W08 [ SOIC 28 (300mil) ]**

**Manufacturer:** Ramtron  
**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)  
**Variants:** FM16W08-SG, FM16W08-SGTR

### **FM1808 [ DIP 28 ]**

**Manufacturer:** Ramtron  
**Required Adapter:** None  
**Variants:** FM1808-120-P, FM1808-70-P

### **FM1808 [ SOIC 28 (300mil) ]**

**Manufacturer:** Ramtron  
**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)  
**Variants:** FM1808-120-S, FM1808-70-S

## Renesas

### **R1EV58256B [ DIP 28 ]**

**Manufacturer:** Renesas

**Required Adapter:** None

**Variants:** R1EV58256B-DANBI, R1EV58256B-DANDI, R1EV58256B-DARBI, R1EV58256B-DARDI

### **R1EV58256B [ SOIC 28 (300mil) ]**

**Manufacturer:** Renesas

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** R1EV58256B-SCNBI, R1EV58256B-SCNDI, R1EV58256B-SCRBI, R1EV58256B-SCRDI

### **R1EV58256B [ TSOP 28 (8x14mm) ]**

**Manufacturer:** Renesas

**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)

**Variants:** R1EV58256B-TCNBI, R1EV58256B-TCNDI, R1EV58256B-TCRBI, R1EV58256B-TCRDI

### **R1EV58256B [ TSOP 32 (8x14mm) ]**

**Manufacturer:** Renesas

**Required Adapter:** [TSOP32\(8x14mm\)-DIP32](#)

**Variants:** R1EV58256B-TDNBI, R1EV58256B-TDNDI, R1EV58256B-TDRBI, R1EV58256B-TDRDI



## Ricoh

### 27C256 [ DIP 28 ]

**Manufacturer:** Ricoh

**Required Adapter:** None

**Variants:** 27C256-12FA, 27C256-12N, 27C256-15FA, 27C256-15N, 27C256-17FA, 27C256-17N, 27C256-20FA, 27C256-20N, 27C256-90FA, 27C256-90N, 27C256A12FA, 27C256A12N, 27C256A15FA, 27C256A15N, 27C256A20FA, 27C256A20N, 27C256I12FA, 27C256I12N, 27C256I15FA, 27C256I15N, 27C256I20FA, 27C256I20N

### 27C256 [ PLCC 32 ]

**Manufacturer:** Ricoh

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** 27C256-12A, 27C256-15A, 27C256-17A, 27C256-20A, 27C256-90A, 27C256A12A, 27C256A15A, 27C256A20A, 27C256I12A, 27C256I15A, 27C256I20A

### 27C256 [ SOIC 28 (300mil) ]

**Manufacturer:** Ricoh

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** 27C256-12D, 27C256-15D, 27C256-17D, 27C256-20D, 27C256-90D, 27C256A12D, 27C256A15D, 27C256A20D, 27C256I12D, 27C256I15D, 27C256I20D

### RD27C256 [ DIP 28 ]

**Manufacturer:** Ricoh

**Required Adapter:** None

**Variants:** RD27C256-15, RD27C256-20, RD27C256-25, RD27C256-30

## SEEQ

### 2764 (21V) [ DIP 28 ]

**Manufacturer:** SEEQ

**Required Adapter:** None

**Variants:** 2764-20, 2764-25, 2764-35, 2764-45

### 2816 [ DIP 24 ]

**Manufacturer:** SEEQ

**Required Adapter:** None

**Variants:** 2816DE2816A-150, 2816DE2816A-150/B, 2816DE2816A-200, 2816DE2816A-200/B, 2816DE2816A-250, 2816DE2816A-250/B, 2816DE2816A-300, 2816DE2816A-300/B, 2816DE2816AH-150, 2816DE2816AH-150/B, 2816DE2816AH-200, 2816DE2816AH-200/B, 2816DE2816AH-250, 2816DE2816AH-250/B, 2816DE2816AH-300, 2816DE2816AH-300/B, 2816DM2816A-150, 2816DM2816A-150/B, 2816DM2816A-200, 2816DM2816A-200/B, 2816DM2816A-250, 2816DM2816A-250/B, 2816DM2816A-300, 2816DM2816A-300/B, 2816DM2816AH-150, 2816DM2816AH-150/B, 2816DM2816AH-200, 2816DM2816AH-200/B, 2816DM2816AH-250, 2816DM2816AH-250/B, 2816DM2816AH-300, 2816DM2816AH-300/B, 2816DQ2816A-150, 2816DQ2816A-150/B, 2816DQ2816A-200, 2816DQ2816A-200/B, 2816DQ2816A-250, 2816DQ2816A-250/B, 2816DQ2816A-300, 2816DQ2816A-300/B, 2816DQ2816AH-150, 2816DQ2816AH-150/B, 2816DQ2816AH-200, 2816DQ2816AH-200/B, 2816DQ2816AH-250, 2816DQ2816AH-250/B, 2816DQ2816AH-300, 2816DQ2816AH-300/B, 2816PE2816A-150, 2816PE2816A-150/B, 2816PE2816A-200, 2816PE2816A-200/B, 2816PE2816A-250, 2816PE2816A-250/B, 2816PE2816A-300, 2816PE2816A-300/B, 2816PE2816AH-150, 2816PE2816AH-150/B, 2816PE2816AH-200, 2816PE2816AH-200/B, 2816PE2816AH-250, 2816PE2816AH-250/B, 2816PE2816AH-300, 2816PE2816AH-300/B, 2816PM2816A-150, 2816PM2816A-150/B, 2816PM2816A-200, 2816PM2816A-200/B, 2816PM2816A-250, 2816PM2816A-250/B, 2816PM2816A-300, 2816PM2816A-300/B, 2816PM2816AH-150, 2816PM2816AH-150/B, 2816PM2816AH-200, 2816PM2816AH-200/B, 2816PM2816AH-250, 2816PM2816AH-250/B, 2816PM2816AH-300, 2816PM2816AH-300/B, 2816PQ2816A-150, 2816PQ2816A-150/B, 2816PQ2816A-200, 2816PQ2816A-200/B, 2816PQ2816A-250, 2816PQ2816A-250/B, 2816PQ2816A-300, 2816PQ2816A-300/B, 2816PQ2816AH-150, 2816PQ2816AH-150/B, 2816PQ2816AH-200, 2816PQ2816AH-200/B, 2816PQ2816AH-250, 2816PQ2816AH-250/B, 2816PQ2816AH-300, 2816PQ2816AH-300/B

### 2816 [ PLCC 32 ]

**Manufacturer:** SEEQ

**Required Adapter:** [PLCC32-DIP24](#)

**Variants:** 2816NE2816A-150, 2816NE2816A-150/B, 2816NE2816A-200, 2816NE2816A-200/B, 2816NE2816A-250, 2816NE2816A-250/B, 2816NE2816A-300, 2816NE2816A-300/B, 2816NE2816AH-150, 2816NE2816AH-150/B, 2816NE2816AH-200, 2816NE2816AH-200/B, 2816NE2816AH-250, 2816NE2816AH-250/B, 2816NE2816AH-300, 2816NE2816AH-300/B, 2816NM2816A-150, 2816NM2816A-150/B, 2816NM2816A-200, 2816NM2816A-200/B, 2816NM2816A-250, 2816NM2816A-250/B, 2816NM2816A-300, 2816NM2816A-300/B, 2816NM2816AH-150, 2816NM2816AH-150/B, 2816NM2816AH-200, 2816NM2816AH-200/B, 2816NM2816AH-250, 2816NM2816AH-250/B, 2816NM2816AH-300, 2816NM2816AH-300/B, 2816NQ2816A-150, 2816NQ2816A-150/B, 2816NQ2816A-200, 2816NQ2816A-200/B, 2816NQ2816A-250, 2816NQ2816A-250/B, 2816NQ2816A-300, 2816NQ2816A-300/B, 2816NQ2816AH-150, 2816NQ2816AH-150/B, 2816NQ2816AH-200, 2816NQ2816AH-200/B, 2816NQ2816AH-250, 2816NQ2816AH-250/B, 2816NQ2816AH-300, 2816NQ2816AH-300/B

### 2817 [ DIP 28 ]

**Manufacturer:** SEEQ

**Required Adapter:** None

**Variants:** 2817DE2817A-150, 2817DE2817A-150/B, 2817DE2817A-200, 2817DE2817A-200/B, 2817DE2817A-250, 2817DE2817A-250/B, 2817DE2817A-300, 2817DE2817A-300/B, 2817DE2817AH-150, 2817DE2817AH-150/B, 2817DE2817AH-200, 2817DE2817AH-200/B, 2817DE2817AH-250, 2817DE2817AH-250/B, 2817DE2817AH-300, 2817DE2817AH-300/B, 2817DM2817A-150, 2817DM2817A-150/B, 2817DM2817A-200, 2817DM2817A-200/B, 2817DM2817A-250, 2817DM2817A-250/B, 2817DM2817A-300, 2817DM2817A-300/B, 2817DM2817AH-150, 2817DM2817AH-150/B, 2817DM2817AH-200, 2817DM2817AH-200/B, 2817DM2817AH-250, 2817DM2817AH-250/B, 2817DM2817AH-300, 2817DM2817AH-300/B, 2817DQ2817A-150, 2817DQ2817A-150/B, 2817DQ2817A-200, 2817DQ2817A-200/B, 2817DQ2817A-250, 2817DQ2817A-250/B, 2817DQ2817A-300, 2817DQ2817A-300/B, 2817DQ2817AH-150, 2817DQ2817AH-150/B, 2817DQ2817AH-200, 2817DQ2817AH-200/B, 2817DQ2817AH-250, 2817DQ2817AH-250/B, 2817DQ2817AH-300, 2817DQ2817AH-300/B, 2817PE2817A-150, 2817PE2817A-150/B, 2817PE2817A-200, 2817PE2817A-200/B, 2817PE2817A-250, 2817PE2817A-250/B, 2817PE2817A-300, 2817PE2817A-300/B, 2817PE2817AH-150, 2817PE2817AH-150/B, 2817PE2817AH-200, 2817PE2817AH-200/B, 2817PE2817AH-250, 2817PE2817AH-250/B, 2817PE2817AH-300, 2817PE2817AH-300/B, 2817PM2817A-150, 2817PM2817A-150/B, 2817PM2817A-200, 2817PM2817A-200/B, 2817PM2817A-250, 2817PM2817A-250/B, 2817PM2817A-300, 2817PM2817A-300/B, 2817PM2817AH-150, 2817PM2817AH-150/B, 2817PM2817AH-200, 2817PM2817AH-200/B, 2817PM2817AH-250, 2817PM2817AH-250/B, 2817PM2817AH-300, 2817PM2817AH-300/B, 2817PQ2817A-150, 2817PQ2817A-150/B, 2817PQ2817A-200, 2817PQ2817A-200/B, 2817PQ2817A-250, 2817PQ2817A-250/B, 2817PQ2817A-300, 2817PQ2817A-300/B, 2817PQ2817AH-150, 2817PQ2817AH-150/B, 2817PQ2817AH-200, 2817PQ2817AH-200/B, 2817PQ2817AH-250, 2817PQ2817AH-250/B, 2817PQ2817AH-300, 2817PQ2817AH-300/B

### 2817 [ PLCC 32 ]

**Manufacturer:** SEEQ

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** 2817NE2817A-150, 2817NE2817A-150/B, 2817NE2817A-200, 2817NE2817A-200/B, 2817NE2817A-250, 2817NE2817A-250/B, 2817NE2817A-300, 2817NE2817A-300/B, 2817NE2817AH-150, 2817NE2817AH-150/B, 2817NE2817AH-200, 2817NE2817AH-200/B, 2817NE2817AH-250, 2817NE2817AH-250/B, 2817NE2817AH-300, 2817NE2817AH-300/B, 2817NM2817A-150, 2817NM2817A-150/B, 2817NM2817A-200, 2817NM2817A-200/B, 2817NM2817A-250, 2817NM2817A-250/B, 2817NM2817A-300, 2817NM2817A-300/B, 2817NM2817AH-150, 2817NM2817AH-150/B, 2817NM2817AH-200, 2817NM2817AH-200/B, 2817NM2817AH-250, 2817NM2817AH-250/B, 2817NM2817AH-300, 2817NM2817AH-300/B, 2817NQ2817A-150, 2817NQ2817A-150/B, 2817NQ2817A-200, 2817NQ2817A-200/B, 2817NQ2817A-250, 2817NQ2817A-250/B, 2817NQ2817A-300, 2817NQ2817A-300/B, 2817NQ2817AH-150, 2817NQ2817AH-150/B, 2817NQ2817AH-200, 2817NQ2817AH-200/B, 2817NQ2817AH-250, 2817NQ2817AH-250/B, 2817NQ2817AH-300, 2817NQ2817AH-300/B

**2864 [ DIP 28 ]****Manufacturer:** SEEQ**Required Adapter:** None

**Variants:** 2864DE2864-200, 2864DE2864-200/B, 2864DE2864-250, 2864DE2864-250/B, 2864DE2864-300, 2864DE2864-300/B, 2864DE2864H-200, 2864DE2864H-200/B, 2864DE2864H-250, 2864DE2864H-250/B, 2864DE2864H-300, 2864DE2864H-300/B, 2864DM2864-200, 2864DM2864-200/B, 2864DM2864-250, 2864DM2864-250/B, 2864DM2864-300, 2864DM2864-300/B, 2864DM2864H-200, 2864DM2864H-200/B, 2864DM2864H-250, 2864DM2864H-250/B, 2864DM2864H-300, 2864DM2864H-300/B, 2864DQ2864-200, 2864DQ2864-200/B, 2864DQ2864-250, 2864DQ2864-250/B, 2864DQ2864-300, 2864DQ2864-300/B, 2864DQ2864H-200, 2864DQ2864H-200/B, 2864DQ2864H-250, 2864DQ2864H-250/B, 2864DQ2864H-300, 2864DQ2864H-300/B, 2864PE2864-200, 2864PE2864-200/B, 2864PE2864-250, 2864PE2864-250/B, 2864PE2864-300, 2864PE2864-300/B, 2864PE2864H-200, 2864PE2864H-200/B, 2864PE2864H-250, 2864PE2864H-250/B, 2864PE2864H-300, 2864PE2864H-300/B, 2864PM2864-200, 2864PM2864-200/B, 2864PM2864-250, 2864PM2864-250/B, 2864PM2864-300, 2864PM2864-300/B, 2864PM2864H-200, 2864PM2864H-200/B, 2864PM2864H-250, 2864PM2864H-250/B, 2864PM2864H-300, 2864PM2864H-300/B, 2864PQ2864-200, 2864PQ2864-200/B, 2864PQ2864-250, 2864PQ2864-250/B, 2864PQ2864-300, 2864PQ2864-300/B, 2864PQ2864H-200, 2864PQ2864H-200/B, 2864PQ2864H-250, 2864PQ2864H-250/B, 2864PQ2864H-300, 2864PQ2864H-300/B

**2864 [ PLCC 32 ]****Manufacturer:** SEEQ**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** 2864LE2864-200, 2864LE2864-200/B, 2864LE2864-250, 2864LE2864-250/B, 2864LE2864-300, 2864LE2864-300/B, 2864LE2864H-200, 2864LE2864H-200/B, 2864LE2864H-250, 2864LE2864H-250/B, 2864LE2864H-300, 2864LE2864H-300/B, 2864LM2864-200, 2864LM2864-200/B, 2864LM2864-250, 2864LM2864-250/B, 2864LM2864-300, 2864LM2864-300/B, 2864LM2864H-200, 2864LM2864H-200/B, 2864LM2864H-250, 2864LM2864H-250/B, 2864LM2864H-300, 2864LM2864H-300/B, 2864LQ2864-200, 2864LQ2864-200/B, 2864LQ2864-250, 2864LQ2864-250/B, 2864LQ2864-300, 2864LQ2864-300/B, 2864LQ2864H-200, 2864LQ2864H-200/B, 2864LQ2864H-250, 2864LQ2864H-250/B, 2864LQ2864H-300, 2864LQ2864H-300/B, 2864NE2864-200, 2864NE2864-200/B, 2864NE2864-250, 2864NE2864-250/B, 2864NE2864-300, 2864NE2864-300/B, 2864NE2864H-200, 2864NE2864H-200/B, 2864NE2864H-250, 2864NE2864H-250/B, 2864NE2864H-300, 2864NE2864H-300/B, 2864NM2864-200, 2864NM2864-200/B, 2864NM2864-250, 2864NM2864-250/B, 2864NM2864-300, 2864NM2864-300/B, 2864NM2864H-200, 2864NM2864H-200/B, 2864NM2864H-250, 2864NM2864H-250/B, 2864NM2864H-300, 2864NM2864H-300/B, 2864NQ2864-200, 2864NQ2864-200/B, 2864NQ2864-250, 2864NQ2864-250/B, 2864NQ2864-300, 2864NQ2864-300/B, 2864NQ2864H-200, 2864NQ2864H-200/B, 2864NQ2864H-250, 2864NQ2864H-250/B, 2864NQ2864H-300, 2864NQ2864H-300/B

**28C64 [ DIP 28 ]****Manufacturer:** SEEQ**Required Adapter:** None

**Variants:** 28C64200, 28C64200/B, 28C64250, 28C64250/B, 28C64300, 28C64300/B, 28C64350, 28C64350/B

**28C64 [ PLCC 32 ]****Manufacturer:** SEEQ**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** 28C64200, 28C64200/B, 28C64250, 28C64250/B, 28C64300, 28C64300/B, 28C64350, 28C64350/B

**5516 [ DIP 24 ]****Manufacturer:** SEEQ**Required Adapter:** None

**Variants:** 5516DE5516A-200, 5516DE5516A-250, 5516DE5516A-300, 5516DM5516A-200, 5516DM5516A-250, 5516DM5516A-300, 5516DQ5516A-200, 5516DQ5516A-250, 5516DQ5516A-300, 5516PE5516A-200, 5516PE5516A-250, 5516PE5516A-300, 5516PM5516A-200, 5516PM5516A-250, 5516PM5516A-300, 5516PQ5516A-200, 5516PQ5516A-250, 5516PQ5516A-300

**5516 [ PLCC 32 ]****Manufacturer:** SEEQ**Required Adapter:** [PLCC32-DIP24](#)

**Variants:** 5516NE5516A-200, 5516NE5516A-250, 5516NE5516A-300, 5516NM5516A-200, 5516NM5516A-250, 5516NM5516A-300, 5516NQ5516A-200, 5516NQ5516A-250, 5516NQ5516A-300

**DQ5143 [ DIP 28 ]****Manufacturer:** SEEQ**Required Adapter:** None

**Variants:** DQ5143-250

**M27128 (21V) [ DIP 28 ]****Manufacturer:** SEEQ**Required Adapter:** None

**Variants:** M27128-20, M27128-25, M27128-35, M27128-45

**DE27C256 [ DIP 28 ]****Manufacturer:** SEEQ**Required Adapter:** None

**Variants:** DE27C256-20, DE27C256-20/B, DE27C256-25, DE27C256-25/B, DE27C256-30, DE27C256-30/B

**DM27C256 [ DIP 28 ]****Manufacturer:** SEEQ**Required Adapter:** None

**Variants:** DM27C256-20, DM27C256-20/B, DM27C256-25, DM27C256-25/B, DM27C256-30, DM27C256-30/B

## SST

### SST27SF010 [ DIP 32 ]

**Manufacturer:** SST

**Required Adapter:** None

**Variants:** SST27SF010-70-3C-PH, SST27SF010-70-3C-PHE, SST27SF010-90-3C-PH

### SST27SF010 [ PLCC 32 ]

**Manufacturer:** SST

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** SST27SF010-70-3C-NH, SST27SF010-70-3C-NHE, SST27SF010-70-3I-NH, SST27SF010-90-3C-NH, SST27SF010-90-3C-NHE, SST27SF010-90-3I-NH

### SST27SF010 [ TSOP 32 (8x14mm) ]

**Manufacturer:** SST

**Required Adapter:** [TSOP32\(8x14mm\)-DIP32](#)

**Variants:** SST27SF010-70-3C-WH, SST27SF010-70-3C-WHE, SST27SF010-70-3I-WH, SST27SF010-90-3C-WH, SST27SF010-90-3C-WHE, SST27SF010-90-3I-WH

### SST27SF020 [ DIP 32 ]

**Manufacturer:** SST

**Required Adapter:** None

**Variants:** SST27SF020-70-3C-PH, SST27SF020-70-3C-PHE, SST27SF020-90-3C-PH

### SST27SF020 [ PLCC 32 ]

**Manufacturer:** SST

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** SST27SF020-70-3C-NH, SST27SF020-70-3C-NHE, SST27SF020-70-3I-NH, SST27SF020-90-3C-NH, SST27SF020-90-3C-NHE, SST27SF020-90-3I-NH

### SST27SF020 [ TSOP 32 (8x14mm) ]

**Manufacturer:** SST

**Required Adapter:** [TSOP32\(8x14mm\)-DIP32](#)

**Variants:** SST27SF020-70-3C-WH, SST27SF020-70-3C-WHE, SST27SF020-70-3I-WH, SST27SF020-90-3C-WH, SST27SF020-90-3C-WHE, SST27SF020-90-3I-WH

### SST27SF256 [ DIP 28 ]

**Manufacturer:** SST

**Required Adapter:** None

**Variants:** SST27SF256-70-3C-PG, SST27SF256-90-3C-PG

### SST27SF256 [ PLCC 32 ]

**Manufacturer:** SST

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** SST27SF256-70-3C-NH, SST27SF256-70-3I-NH, SST27SF256-90-3C-NH, SST27SF256-90-3I-NH

### SST27SF512 [ DIP 28 ]

**Manufacturer:** SST

**Required Adapter:** None

**Variants:** SST27SF512-70-3C-PG, SST27SF512-70-3C-PGE, SST27SF512-90-3C-PG

### SST27SF512 [ PLCC 32 ]

**Manufacturer:** SST

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** SST27SF512-70-3C-NH, SST27SF512-70-3C-NHE, SST27SF512-70-3I-NH, SST27SF512-90-3C-NH, SST27SF512-90-3C-NHE, SST27SF512-90-3I-NH

### SST28SF040A [ DIP 32 ]

**Manufacturer:** SST

**Required Adapter:** None

**Variants:** SST28SF040A-120-4C-PH, SST28SF040A-120-4C-PHE, SST28SF040A-120-4I-PH, SST28SF040A-120-4I-PHE, SST28SF040A-150-4C-PH, SST28SF040A-150-4C-PHE, SST28SF040A-150-4I-PH, SST28SF040A-150-4I-PHE, SST28SF040A-200-4C-PH, SST28SF040A-200-4C-PHE, SST28SF040A-200-4I-PH, SST28SF040A-200-4I-PHE, SST28SF040A-90-4C-PH, SST28SF040A-90-4C-PHE, SST28SF040A-90-4I-PH, SST28SF040A-90-4I-PHE

### SST28SF040A [ PLCC 32 ]

**Manufacturer:** SST

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** SST28SF040A-120-4C-NH, SST28SF040A-120-4C-NHE, SST28SF040A-120-4I-NH, SST28SF040A-120-4I-NHE, SST28SF040A-150-4C-NH, SST28SF040A-150-4C-NHE, SST28SF040A-150-4I-NH, SST28SF040A-150-4I-NHE, SST28SF040A-200-4C-NH, SST28SF040A-200-4C-NHE, SST28SF040A-200-4I-NH, SST28SF040A-200-4I-NHE, SST28SF040A-90-4C-NH, SST28SF040A-90-4C-NHE, SST28SF040A-90-4I-NH, SST28SF040A-90-4I-NHE

**SST28SF040A [ TSOP 32 (8x14mm) ]**

**Manufacturer:** SST

**Required Adapter:** [TSOP32\(8x14mm\)-DIP32](#)

**Variants:** SST28SF040A-120-4C-WH, SST28SF040A-120-4C-WHE, SST28SF040A-120-4I-WH, SST28SF040A-120-4I-WHE, SST28SF040A-150-4C-WH, SST28SF040A-150-4C-WHE, SST28SF040A-150-4I-WH, SST28SF040A-150-4I-WHE, SST28SF040A-200-4C-WH, SST28SF040A-200-4C-WHE, SST28SF040A-200-4I-WH, SST28SF040A-200-4I-WHE, SST28SF040A-90-4C-WH, SST28SF040A-90-4C-WHE, SST28SF040A-90-4I-WH, SST28SF040A-90-4I-WHE

**SST28SF040A [ TSOP 32 (8x20mm) ]**

**Manufacturer:** SST

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** SST28SF040A-120-4C-EH, SST28SF040A-120-4C-EHE, SST28SF040A-120-4I-EH, SST28SF040A-120-4I-EHE, SST28SF040A-150-4C-EH, SST28SF040A-150-4C-EHE, SST28SF040A-150-4I-EH, SST28SF040A-150-4I-EHE, SST28SF040A-200-4C-EH, SST28SF040A-200-4C-EHE, SST28SF040A-200-4I-EH, SST28SF040A-200-4I-EHE, SST28SF040A-90-4C-EH, SST28SF040A-90-4C-EHE, SST28SF040A-90-4I-EH, SST28SF040A-90-4I-EHE

**SST29EE010 [ DIP 32 ]**

**Manufacturer:** SST

**Required Adapter:** None

**Variants:** SST29EE010-70-4C-PH, SST29EE010-70-4C-PHE, SST29EE010-90-4C-PH

**SST29EE010 [ PLCC 32 ]**

**Manufacturer:** SST

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** SST29EE010-70-4C-NH, SST29EE010-70-4C-NHE, SST29EE010-70-4I-NH, SST29EE010-70-4I-NHE, SST29EE010-90-4C-NH, SST29EE010-90-4C-NHE

**SST29EE010 [ TSOP 32 (8x14mm) ]**

**Manufacturer:** SST

**Required Adapter:** [TSOP32\(8x14mm\)-DIP32](#)

**Variants:** SST29EE010-70-4C-WH, SST29EE010-70-4C-WHE, SST29EE010-70-4I-WH, SST29EE010-70-4I-WHE, SST29EE010-90-4C-WH, SST29EE010-90-4C-WHE

**SST29EE010 [ TSOP 32 (8x20mm) ]**

**Manufacturer:** SST

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** SST29EE010-70-4C-EH, SST29EE010-70-4C-EHE, SST29EE010-70-4I-EH, SST29EE010-70-4I-EHE, SST29EE010-90-4C-EH, SST29EE010-90-4C-EHE

**SST29EE020 [ DIP 32 ]**

**Manufacturer:** SST

**Required Adapter:** None

**Variants:** SST29EE020-120-4C-PH

**SST29EE020 [ PLCC 32 ]**

**Manufacturer:** SST

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** SST29EE020-120-4C-NH, SST29EE020-120-4C-NHE, SST29EE020-120-4I-NH, SST29EE020-120-4I-NHE

**SST29EE020 [ TSOP 32 (8x14mm) ]**

**Manufacturer:** SST

**Required Adapter:** [TSOP32\(8x14mm\)-DIP32](#)

**Variants:** SST29EE020-120-4C-WH, SST29EE020-120-4I-WH

**SST29EE020 [ TSOP 32 (8x20mm) ]**

**Manufacturer:** SST

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** SST29EE020-120-4C-EH, SST29EE020-120-4C-EHE, SST29EE020-120-4I-EH, SST29EE020-120-4I-EHE

**SST29EE512 [ DIP 32 ]**

**Manufacturer:** SST

**Required Adapter:** None

**Variants:** SST29EE512-70-4C-PH, SST29EE512-70-4C-PHE, SST29EE512-90-4C-PH

**SST29EE512 [ PLCC 32 ]**

**Manufacturer:** SST

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** SST29EE512-70-4C-NH, SST29EE512-70-4C-NHE, SST29EE512-70-4I-NH, SST29EE512-70-4I-NHE, SST29EE512-90-4C-NH, SST29EE512-90-4C-NHE

**SST29EE512 [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

Required Adapter: [TSOP32\(8x14mm\)-DIP32](#)

Variants: SST29EE512-70-4C-WH, SST29EE512-70-4C-WHE, SST29EE512-70-4I-WH, SST29EE512-70-4I-WHE, SST29EE512-90-4C-WH, SST29EE512-90-4C-WHE

**SST29EE512 [ TSOP 32 (8x20mm) ]**

Manufacturer: SST

Required Adapter: [TSOP32\(8x20mm\)-DIP32](#)

Variants: SST29EE512-70-4C-EH, SST29EE512-70-4C-EHE, SST29EE512-70-4I-EH, SST29EE512-70-4I-EHE, SST29EE512-90-4C-EH, SST29EE512-90-4C-EHE

**SST29SF020 [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST29SF020-55-4C-NH, SST29SF020-55-4C-NHE, SST29SF020-55-4I-NH, SST29SF020-55-4I-NHE, SST29SF020-70-4C-NH, SST29SF020-70-4C-NHE, SST29SF020-70-4I-NH, SST29SF020-70-4I-NHE

**SST29SF020 [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

Required Adapter: [TSOP32\(8x14mm\)-DIP32](#)

Variants: SST29SF020-55-4C-WH, SST29SF020-55-4C-WHE, SST29SF020-55-4I-WH, SST29SF020-55-4I-WHE, SST29SF020-70-4C-WH, SST29SF020-70-4C-WHE, SST29SF020-70-4I-WH, SST29SF020-70-4I-WHE

**SST29SF040 [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST29SF040-55-4C-NH, SST29SF040-55-4C-NHE, SST29SF040-55-4I-NH, SST29SF040-55-4I-NHE, SST29SF040-70-4C-NH, SST29SF040-70-4C-NHE, SST29SF040-70-4I-NH, SST29SF040-70-4I-NHE

**SST29SF040 [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

Required Adapter: [TSOP32\(8x14mm\)-DIP32](#)

Variants: SST29SF040-55-4C-WH, SST29SF040-55-4C-WHE, SST29SF040-55-4I-WH, SST29SF040-55-4I-WHE, SST29SF040-70-4C-WH, SST29SF040-70-4C-WHE, SST29SF040-70-4I-WH, SST29SF040-70-4I-WHE

**SST37VF010 [ DIP 32 ]**

Manufacturer: SST

Required Adapter: None

Variants: SST37VF010-70-3C-PH, SST37VF010-70-3C-PHE

**SST37VF010 [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST37VF010-70-3C-NH, SST37VF010-70-3C-NHE

**SST37VF010 [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

Required Adapter: [TSOP32\(8x14mm\)-DIP32](#)

Variants: SST37VF010-70-3C-WH, SST37VF010-70-3C-WHE

**SST39SF010A [ DIP 32 ]**

Manufacturer: SST

Required Adapter: None

Variants: SST39SF010A-70-4C-PH, SST39SF010A-70-4C-PHE

**SST39SF010A [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST39SF010A-45-4C-NH, SST39SF010A-45-4C-NHE, SST39SF010A-45-4I-NH, SST39SF010A-45-4I-NHE, SST39SF010A-70-4C-NH, SST39SF010A-70-4C-NHE, SST39SF010A-70-4I-NH, SST39SF010A-70-4I-NHE

**SST39SF010A [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

Required Adapter: [TSOP32\(8x14mm\)-DIP32](#)

Variants: SST39SF010A-45-4C-WH, SST39SF010A-45-4C-WHE, SST39SF010A-45-4I-WH, SST39SF010A-45-4I-WHE, SST39SF010A-70-4C-WH, SST39SF010A-70-4C-WHE, SST39SF010A-70-4I-WH, SST39SF010A-70-4I-WHE

## ST (SGS Thomson)

### ET2716 (read only) [ DIP 24 ]

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** None

**Variants:** ET2716-1F1, ET2716-1F6, ET2716F1, ET2716F6

### M2716 (read only) [ DIP 24 ]

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** None

**Variants:** M2716-1F1, M2716-1F6, M2716F1, M2716F6

### M27128A (12.5V) [ DIP 28 ]

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** None

**Variants:** M27128A-20F1, M27128A-20F6, M27128A-25F1, M27128A-25F6, M27128A-2F1, M27128A-2F6, M27128A-30F1, M27128A-30F6, M27128A-3F1, M27128A-3F6, M27128A-4F1, M27128A-4F6, M27128AF1, M27128AF6

### M27256 (12.5V) [ DIP 28 ]

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** None

**Variants:** M27256-1F1, M27256-1F6, M27256-20F1, M27256-20F6, M27256-25F1, M27256-25F6, M27256-2F1, M27256-2F6, M27256-3F1, M27256-3F6, M27256-4F1, M27256-4F6, M27256F

### M2732A (21V) [ DIP 24 ]

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** None

**Variants:** M2732A-20F1, M2732A-20F6, M2732A-25F1, M2732A-25F6, M2732A-2F1, M2732A-2F6, M2732A-3F1, M2732A-3F6, M2732A-4F1, M2732A-4F6, M2732A-F1, M2732A-F6

### M27512 (12.5V) [ DIP 28 ]

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** None

**Variants:** M27512-20F1, M27512-20F6, M27512-25F1, M27512-25F6, M27512-2F1, M27512-2F6, M27512-3F1, M27512-3F6, M27512-F1, M27512-F6

### M2764A (12.5V) [ DIP 28 ]

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** None

**Variants:** M2764A-1F1, M2764A-1F6, M2764A-20F1, M2764A-20F6, M2764A-25F1, M2764A-25F6, M2764A-2F1, M2764A-2F6, M2764A-3F1, M2764A-3F6, M2764A-4F1, M2764A-4F6, M2764A-F1, M2764A-F6

### M27C1001 [ DIP 32 ]

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** None

**Variants:** M27C1001-10B1, M27C1001-10B3, M27C1001-10B6, M27C1001-10F1, M27C1001-10F3, M27C1001-10F6, M27C1001-10XB1, M27C1001-10XB3, M27C1001-10XB6, M27C1001-10XF1, M27C1001-10XF3, M27C1001-10XF6, M27C1001-12B1, M27C1001-12B3, M27C1001-12B6, M27C1001-12F1, M27C1001-12F3, M27C1001-12F6, M27C1001-12XB1, M27C1001-12XB3, M27C1001-12XB6, M27C1001-12XF1, M27C1001-12XF3, M27C1001-12XF6, M27C1001-15B1, M27C1001-15B3, M27C1001-15B6, M27C1001-15F1, M27C1001-15F3, M27C1001-15F6, M27C1001-15XB1, M27C1001-15XB3, M27C1001-15XB6, M27C1001-15XF1, M27C1001-15XF3, M27C1001-15XF6, M27C1001-20B1, M27C1001-20B3, M27C1001-20B6, M27C1001-20F1, M27C1001-20F3, M27C1001-20F6, M27C1001-20XB1, M27C1001-20XB3, M27C1001-20XB6, M27C1001-20XF1, M27C1001-20XF3, M27C1001-20XF6, M27C1001-25B1, M27C1001-25B3, M27C1001-25B6, M27C1001-25F1, M27C1001-25F3, M27C1001-25F6, M27C1001-25XB1, M27C1001-25XB3, M27C1001-25XB6, M27C1001-25XF1, M27C1001-25XF3, M27C1001-25XF6, M27C1001-45B1, M27C1001-45B3, M27C1001-45B6, M27C1001-45F1, M27C1001-45F3, M27C1001-45F6, M27C1001-45XB1, M27C1001-45XB3, M27C1001-45XB6, M27C1001-45XF1, M27C1001-45XF3, M27C1001-45XF6, M27C1001-60B1, M27C1001-60B3, M27C1001-60B6, M27C1001-60F1, M27C1001-60F3, M27C1001-60F6, M27C1001-60XB1, M27C1001-60XB3, M27C1001-60XB6, M27C1001-60XF1, M27C1001-60XF3, M27C1001-60XF6, M27C1001-70B1, M27C1001-70B3, M27C1001-70B6, M27C1001-70F1, M27C1001-70F3, M27C1001-70F6, M27C1001-70XB1, M27C1001-70XB3, M27C1001-70XB6, M27C1001-70XF1, M27C1001-70XF3, M27C1001-70XF6, M27C1001-80B1, M27C1001-80B3, M27C1001-80B6, M27C1001-80F1, M27C1001-80F3, M27C1001-80F6, M27C1001-80XB1, M27C1001-80XB3, M27C1001-80XB6, M27C1001-80XF1, M27C1001-80XF3, M27C1001-80XF6, M27C1001-90B1, M27C1001-90B3, M27C1001-90B6, M27C1001-90F1, M27C1001-90F3, M27C1001-90F6, M27C1001-90XB1, M27C1001-90XB3, M27C1001-90XB6, M27C1001-90XF1, M27C1001-90XF3, M27C1001-90XF6

### M27C1001 [ PLCC 32 ]

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** M27C1001-10C1, M27C1001-10C3, M27C1001-10C6, M27C1001-12C1, M27C1001-12C3, M27C1001-12C6, M27C1001-15C1, M27C1001-15C3, M27C1001-15C6, M27C1001-20C1, M27C1001-20C3, M27C1001-20C6, M27C1001-25C1, M27C1001-25C3, M27C1001-25C6, M27C1001-45C1, M27C1001-45C3, M27C1001-45C6, M27C1001-60C1, M27C1001-60C3, M27C1001-60C6, M27C1001-70C1, M27C1001-70C3, M27C1001-70C6, M27C1001-80C1, M27C1001-80C3, M27C1001-80C6, M27C1001-90C1, M27C1001-90C3, M27C1001-90C6

**M27C1001 [ TSOP 32 (8x20mm) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** M27C1001-10N1, M27C1001-10N3, M27C1001-10N6, M27C1001-12N1, M27C1001-12N3, M27C1001-12N6, M27C1001-15N1, M27C1001-15N3, M27C1001-15N6, M27C1001-20N1, M27C1001-20N3, M27C1001-20N6, M27C1001-25N1, M27C1001-25N3, M27C1001-25N6, M27C1001-45N1, M27C1001-45N3, M27C1001-45N6, M27C1001-60N1, M27C1001-60N3, M27C1001-60N6, M27C1001-70N1, M27C1001-70N3, M27C1001-70N6, M27C1001-80N1, M27C1001-80N3, M27C1001-80N6, M27C1001-90N1, M27C1001-90N3, M27C1001-90N6**M27C128A [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M27C128A-12F1, M27C128A-12F6, M27C128A-15F1, M27C128A-15F6, M27C128A-20F1, M27C128A-20F6**M27C128B [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M27C128B-12F1, M27C128B-12F6, M27C128B-15F1, M27C128B-15F6, M27C128B-20F1, M27C128B-20F6**M27C128B [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP28](#)**Variants:** M27C128B-12C1, M27C128B-12C6, M27C128B-15C1, M27C128B-15C6, M27C128B-20C1, M27C128B-20C6**M27C2001 [ DIP 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M27C2001-10B1, M27C2001-10B6, M27C2001-10F1, M27C2001-10F6, M27C2001-12B1, M27C2001-12B6, M27C2001-12F1, M27C2001-12F6, M27C2001-15B1, M27C2001-15B6, M27C2001-15F1, M27C2001-15F6, M27C2001-20B1, M27C2001-20B6, M27C2001-20F1, M27C2001-20F6, M27C2001-25B1, M27C2001-25B6, M27C2001-25F1, M27C2001-25F6, M27C2001-55B1, M27C2001-55B6, M27C2001-55F1, M27C2001-55F6, M27C2001-70B1, M27C2001-70B6, M27C2001-70F1, M27C2001-70F6, M27C2001-80B1, M27C2001-80B6, M27C2001-80F1, M27C2001-80F6, M27C2001-90B1, M27C2001-90B6, M27C2001-90F1, M27C2001-90F6**M27C2001 [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP32](#)**Variants:** M27C2001-10C1, M27C2001-10C6, M27C2001-10L1, M27C2001-10L6, M27C2001-12C1, M27C2001-12C6, M27C2001-12L1, M27C2001-12L6, M27C2001-15C1, M27C2001-15C6, M27C2001-15L1, M27C2001-15L6, M27C2001-20C1, M27C2001-20C6, M27C2001-20L1, M27C2001-20L6, M27C2001-25C1, M27C2001-25C6, M27C2001-25L1, M27C2001-25L6, M27C2001-55C1, M27C2001-55C6, M27C2001-55L1, M27C2001-55L6, M27C2001-70C1, M27C2001-70C6, M27C2001-70L1, M27C2001-70L6, M27C2001-80C1, M27C2001-80C6, M27C2001-80L1, M27C2001-80L6, M27C2001-90C1, M27C2001-90C6, M27C2001-90L1, M27C2001-90L6**M27C2001 [ TSOP 32 (8x20mm) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** M27C2001-10N1, M27C2001-10N6, M27C2001-12N1, M27C2001-12N6, M27C2001-15N1, M27C2001-15N6, M27C2001-20N1, M27C2001-20N6, M27C2001-25N1, M27C2001-25N6, M27C2001-55N1, M27C2001-55N6, M27C2001-70N1, M27C2001-70N6, M27C2001-80N1, M27C2001-80N6, M27C2001-90N1, M27C2001-90N6**M27C256B [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M27C256B-10B1, M27C256B-10B3, M27C256B-10B6, M27C256B-10B7, M27C256B-10F1, M27C256B-10F3, M27C256B-10F6, M27C256B-10F7, M27C256B-12B1, M27C256B-12B3, M27C256B-12B6, M27C256B-12B7, M27C256B-12F1, M27C256B-12F3, M27C256B-12F6, M27C256B-12F7, M27C256B-15B1, M27C256B-15B3, M27C256B-15B6, M27C256B-15B7, M27C256B-15F1, M27C256B-15F3, M27C256B-15F6, M27C256B-15F7, M27C256B-20B1, M27C256B-20B3, M27C256B-20B6, M27C256B-20B7, M27C256B-20F1, M27C256B-20F3, M27C256B-20F6, M27C256B-20F7, M27C256B-25B1, M27C256B-25B3, M27C256B-25B6, M27C256B-25B7, M27C256B-25F1, M27C256B-25F3, M27C256B-25F6, M27C256B-25F7, M27C256B-45B1, M27C256B-45B3, M27C256B-45B6, M27C256B-45B7, M27C256B-45F1, M27C256B-45F3, M27C256B-45F6, M27C256B-45F7, M27C256B-60B1, M27C256B-60B3, M27C256B-60B6, M27C256B-60B7, M27C256B-60F1, M27C256B-60F3, M27C256B-60F6, M27C256B-60F7, M27C256B-70B1, M27C256B-70B3, M27C256B-70B6, M27C256B-70B7, M27C256B-70F1, M27C256B-70F3, M27C256B-70F6, M27C256B-70F7, M27C256B-80B1, M27C256B-80B3, M27C256B-80B6, M27C256B-80B7, M27C256B-80F1, M27C256B-80F3, M27C256B-80F6, M27C256B-80F7, M27C256B-90B1, M27C256B-90B3, M27C256B-90B6, M27C256B-90B7, M27C256B-90F1, M27C256B-90F3, M27C256B-90F6, M27C256B-90F7**M27C256B [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP28](#)**Variants:** M27C256B-10C1, M27C256B-10C3, M27C256B-10C6, M27C256B-10C7, M27C256B-12C1, M27C256B-12C3, M27C256B-12C6, M27C256B-12C7, M27C256B-15C1, M27C256B-15C3, M27C256B-15C6, M27C256B-15C7, M27C256B-20C1, M27C256B-20C3, M27C256B-20C6, M27C256B-20C7, M27C256B-25C1, M27C256B-25C3, M27C256B-25C6, M27C256B-25C7, M27C256B-45C1, M27C256B-45C3, M27C256B-45C6, M27C256B-45C7, M27C256B-60C1, M27C256B-60C3, M27C256B-60C6, M27C256B-60C7, M27C256B-70C1, M27C256B-70C3, M27C256B-70C6, M27C256B-70C7, M27C256B-80C1, M27C256B-80C3, M27C256B-80C6, M27C256B-80C7, M27C256B-90C1, M27C256B-90C3, M27C256B-90C6, M27C256B-90C7



**M27C256B [ TSOP 28 (8x14mm) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** M27C256B-10N1, M27C256B-10N3, M27C256B-10N6, M27C256B-10N7, M27C256B-12N1, M27C256B-12N3, M27C256B-12N6, M27C256B-12N7, M27C256B-15N1, M27C256B-15N3, M27C256B-15N6, M27C256B-15N7, M27C256B-20N1, M27C256B-20N3, M27C256B-20N6, M27C256B-20N7, M27C256B-25N1, M27C256B-25N3, M27C256B-25N6, M27C256B-25N7, M27C256B-45N1, M27C256B-45N3, M27C256B-45N6, M27C256B-45N7, M27C256B-60N1, M27C256B-60N3, M27C256B-60N6, M27C256B-60N7, M27C256B-70N1, M27C256B-70N3, M27C256B-70N6, M27C256B-70N7, M27C256B-80N1, M27C256B-80N3, M27C256B-80N6, M27C256B-80N7, M27C256B-90N1, M27C256B-90N3, M27C256B-90N6, M27C256B-90N7**M27C4001 [ DIP 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M27C4001-10B1, M27C4001-10B6, M27C4001-10F1, M27C4001-10F6, M27C4001-12B1, M27C4001-12B6, M27C4001-12F1, M27C4001-12F6, M27C4001-15B1, M27C4001-15B6, M27C4001-15F1, M27C4001-15F6, M27C4001-35B1, M27C4001-35B6, M27C4001-35F1, M27C4001-35F6, M27C4001-45B1, M27C4001-45B6, M27C4001-45F1, M27C4001-45F6, M27C4001-55B1, M27C4001-55B6, M27C4001-55F1, M27C4001-55F6, M27C4001-70B1, M27C4001-70B6, M27C4001-70F1, M27C4001-70F6, M27C4001-80B1, M27C4001-80B6, M27C4001-80F1, M27C4001-80F6, M27C4001-90B1, M27C4001-90B6, M27C4001-90F1, M27C4001-90F6**M27C4001 [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP32](#)**Variants:** M27C4001-10C1, M27C4001-10C6, M27C4001-10L1, M27C4001-10L6, M27C4001-12C1, M27C4001-12C6, M27C4001-12L1, M27C4001-12L6, M27C4001-15C1, M27C4001-15C6, M27C4001-15L1, M27C4001-15L6, M27C4001-35C1, M27C4001-35C6, M27C4001-35L1, M27C4001-35L6, M27C4001-45C1, M27C4001-45C6, M27C4001-45L1, M27C4001-45L6, M27C4001-55C1, M27C4001-55C6, M27C4001-55L1, M27C4001-55L6, M27C4001-70C1, M27C4001-70C6, M27C4001-70L1, M27C4001-70L6, M27C4001-80C1, M27C4001-80C6, M27C4001-80L1, M27C4001-80L6, M27C4001-90C1, M27C4001-90C6, M27C4001-90L1, M27C4001-90L6**M27C4001 [ TSOP 32 (8x20mm) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** M27C4001-10N1, M27C4001-10N6, M27C4001-12N1, M27C4001-12N6, M27C4001-15N1, M27C4001-15N6, M27C4001-35N1, M27C4001-35N6, M27C4001-45N1, M27C4001-45N6, M27C4001-55N1, M27C4001-55N6, M27C4001-70N1, M27C4001-70N6, M27C4001-80N1, M27C4001-80N6, M27C4001-90N1, M27C4001-90N6**M27C512 [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M27C512-10B1, M27C512-10B3, M27C512-10B6, M27C512-10F1, M27C512-10F3, M27C512-10F6, M27C512-12B1, M27C512-12B3, M27C512-12B6, M27C512-12F1, M27C512-12F3, M27C512-12F6, M27C512-15B1, M27C512-15B3, M27C512-15B6, M27C512-15F1, M27C512-15F3, M27C512-15F6, M27C512-20B1, M27C512-20B3, M27C512-20B6, M27C512-20F1, M27C512-20F3, M27C512-20F6, M27C512-25B1, M27C512-25B3, M27C512-25B6, M27C512-25F1, M27C512-25F3, M27C512-25F6, M27C512-45B1, M27C512-45B3, M27C512-45B6, M27C512-45F1, M27C512-45F3, M27C512-45F6, M27C512-60B1, M27C512-60B3, M27C512-60B6, M27C512-60F1, M27C512-60F3, M27C512-60F6, M27C512-70B1, M27C512-70B3, M27C512-70B6, M27C512-70F1, M27C512-70F3, M27C512-70F6, M27C512-80B1, M27C512-80B3, M27C512-80B6, M27C512-80F1, M27C512-80F3, M27C512-80F6, M27C512-90B1, M27C512-90B3, M27C512-90B6, M27C512-90F1, M27C512-90F3, M27C512-90F6**M27C512 [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP28](#)**Variants:** M27C512-10C1, M27C512-10C3, M27C512-10C6, M27C512-12C1, M27C512-12C3, M27C512-12C6, M27C512-15C1, M27C512-15C3, M27C512-15C6, M27C512-20C1, M27C512-20C3, M27C512-20C6, M27C512-25C1, M27C512-25C3, M27C512-25C6, M27C512-45C1, M27C512-45C3, M27C512-45C6, M27C512-60C1, M27C512-60C3, M27C512-60C6, M27C512-70C1, M27C512-70C3, M27C512-70C6, M27C512-80C1, M27C512-80C3, M27C512-80C6, M27C512-90C1, M27C512-90C3, M27C512-90C6**M27C512 [ TSOP 28 (8x14mm) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** M27C512-10N1, M27C512-10N3, M27C512-10N6, M27C512-12N1, M27C512-12N3, M27C512-12N6, M27C512-15N1, M27C512-15N3, M27C512-15N6, M27C512-20N1, M27C512-20N3, M27C512-20N6, M27C512-25N1, M27C512-25N3, M27C512-25N6, M27C512-45N1, M27C512-45N3, M27C512-45N6, M27C512-60N1, M27C512-60N3, M27C512-60N6, M27C512-70N1, M27C512-70N3, M27C512-70N6, M27C512-80N1, M27C512-80N3, M27C512-80N6, M27C512-90N1, M27C512-90N3, M27C512-90N6**M27C64A [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M27C64A-10F1, M27C64A-10F6, M27C64A-15F1, M27C64A-15F6, M27C64A-20F1, M27C64A-20F6, M27C64A-25F1, M27C64A-25F6, M27C64A-30F1, M27C64A-30F6**M27C64A [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP28](#)**Variants:** M27C64A-10K1, M27C64A-10K6, M27C64A-15K1, M27C64A-15K6, M27C64A-20K1, M27C64A-20K6, M27C64A-25K1, M27C64A-25K6, M27C64A-30K1, M27C64A-30K6

**M27C801 [ DIP 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M27C801-100B1, M27C801-100B6, M27C801-100F1, M27C801-100F6, M27C801-120B1, M27C801-120B6, M27C801-120F1, M27C801-120F6, M27C801-150B1, M27C801-150B6, M27C801-150F1, M27C801-150F6, M27C801-45B1, M27C801-45B6, M27C801-45F1, M27C801-45F6, M27C801-60B1, M27C801-60B6, M27C801-60F1, M27C801-60F6, M27C801-70B1, M27C801-70B6, M27C801-70F1, M27C801-70F6, M27C801-80B1, M27C801-80B6, M27C801-80F1, M27C801-80F6**M27C801 [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP32](#)**Variants:** M27C801-100K1, M27C801-100K6, M27C801-120K1, M27C801-120K6, M27C801-150K1, M27C801-150K6, M27C801-45K1, M27C801-45K6, M27C801-60K1, M27C801-60K6, M27C801-70K1, M27C801-70K6, M27C801-80K1, M27C801-80K6**M27C801 [ TSOP 32 (8x20mm) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** M27C801-100N1, M27C801-100N6, M27C801-120N1, M27C801-120N6, M27C801-150K6, M27C801-150N1, M27C801-45N1, M27C801-45N6, M27C801-60N1, M27C801-60N6, M27C801-70N1, M27C801-70N6, M27C801-80N1, M27C801-80N6**M28C64 [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M28C64-12-BS1, M28C64-12-BS1T, M28C64-12-BS6, M28C64-12-BS6T, M28C64-15-BS1, M28C64-15-BS1T, M28C64-15-BS6, M28C64-15-BS6T, M28C64-90-BS1, M28C64-90-BS1T, M28C64-90-BS6, M28C64-90-BS6T, M28C64-A12-BS1, M28C64-A12-BS1T, M28C64-A12-BS6, M28C64-A12-BS6T, M28C64-A15-BS1, M28C64-A15-BS1T, M28C64-A15-BS6, M28C64-A15-BS6T**M28C64 [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP28](#)**Variants:** M28C64-12-KA1, M28C64-12-KA1T, M28C64-12-KA6, M28C64-12-KA6T, M28C64-15-KA1, M28C64-15-KA1T, M28C64-15-KA6, M28C64-15-KA6T, M28C64-90-KA1, M28C64-90-KA1T, M28C64-90-KA6, M28C64-90-KA6T, M28C64-A12-KA1, M28C64-A12-KA1T, M28C64-A12-KA6, M28C64-A12-KA6T, M28C64-A15-KA1, M28C64-A15-KA1T, M28C64-A15-KA6, M28C64-A15-KA6T**M28C64 [ SOIC 28 (300mil) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** M28C64-12-MS1, M28C64-12-MS1T, M28C64-12-MS3, M28C64-12-MS3T, M28C64-12-MS6, M28C64-12-MS6T, M28C64-15-MS1, M28C64-15-MS1T, M28C64-15-MS3, M28C64-15-MS3T, M28C64-15-MS6, M28C64-15-MS6T, M28C64-90-MS1, M28C64-90-MS1T, M28C64-90-MS3, M28C64-90-MS3T, M28C64-90-MS6, M28C64-90-MS6T, M28C64-A12-MS1, M28C64-A12-MS1T, M28C64-A12-MS3, M28C64-A12-MS3T, M28C64-A12-MS6, M28C64-A12-MS6T, M28C64-A15-MS1, M28C64-A15-MS1T, M28C64-A15-MS3, M28C64-A15-MS3T, M28C64-A15-MS6, M28C64-A15-MS6T**M28C64 [ TSOP 28 (8x14mm) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** M28C64-12-NS1, M28C64-12-NS1T, M28C64-12-NS6, M28C64-12-NS6T, M28C64-15-NS1, M28C64-15-NS1T, M28C64-15-NS6, M28C64-15-NS6T, M28C64-90-NS1, M28C64-90-NS1T, M28C64-90-NS6, M28C64-90-NS6T, M28C64-A12-NS1, M28C64-A12-NS1T, M28C64-A12-NS6, M28C64-A12-NS6T, M28C64-A15-NS1, M28C64-A15-NS1T, M28C64-A15-NS6, M28C64-A15-NS6T**M28C64C [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M28C64C-150-P1, M28C64C-150-P6, M28C64C-200-P1, M28C64C-200-P6, M28C64C-250-P1, M28C64C-250-P6**M28C64C [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP28](#)**Variants:** M28C64C-150-K1, M28C64C-150-K6, M28C64C-200-K1, M28C64C-200-K6, M28C64C-250-K1, M28C64C-250-K6**M28C64C [ SOIC 28 (300mil) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** M28C64C-150-MS1, M28C64C-150-MS6, M28C64C-200-MS1, M28C64C-200-MS6, M28C64C-250-MS1, M28C64C-250-MS6**M28C64C [ TSOP 28 (8x14mm) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** M28C64C-150-N1, M28C64C-150-N6, M28C64C-200-N1, M28C64C-200-N6, M28C64C-250-N1, M28C64C-250-N6

**M28C64X [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M28C64X-150-N1, M28C64X-150-N6, M28C64X-200-N1, M28C64X-200-N6, M28C64X-250-N1, M28C64X-250-N6**M28C64X [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP28](#)**Variants:** M28C64X-150-K1, M28C64X-150-K6, M28C64X-200-K1, M28C64X-200-K6, M28C64X-250-K1, M28C64X-250-K6**M28C64X [ SOIC 28 (300mil) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** M28C64X-150-MS1, M28C64X-150-MS6, M28C64X-200-MS1, M28C64X-200-MS6, M28C64X-250-MS1, M28C64X-250-MS6**M28C64X [ TSOP 28 (8x14mm) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** M28C64X-150-N1, M28C64X-150-N6, M28C64X-200-N1, M28C64X-200-N6, M28C64X-250-N1, M28C64X-250-N6**M28F101 [ DIP 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M28F101-100P1, M28F101-100P3, M28F101-100P6, M28F101-100XP1, M28F101-100XP3, M28F101-100XP6, M28F101-120P1, M28F101-120P3, M28F101-120P6, M28F101-120XP1, M28F101-120XP3, M28F101-120XP6, M28F101-150P1, M28F101-150P3, M28F101-150P6, M28F101-150XP1, M28F101-150XP3, M28F101-150XP6, M28F101-200P1, M28F101-200P3, M28F101-200P6, M28F101-200XP1, M28F101-200XP3, M28F101-200XP6, M28F101-70P1, M28F101-70P3, M28F101-70P6, M28F101-70XP1, M28F101-70XP3, M28F101-70XP6, M28F101-90P1, M28F101-90P3, M28F101-90P6, M28F101-90XP1, M28F101-90XP3, M28F101-90XP6**M28F101 [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP32](#)**Variants:** M28F101-100N1, M28F101-100N3, M28F101-100N6, M28F101-100XN1, M28F101-100XN3, M28F101-100XN6, M28F101-120N1, M28F101-120N3, M28F101-120N6, M28F101-120XN1, M28F101-120XN3, M28F101-120XN6, M28F101-150N1, M28F101-150N3, M28F101-150N6, M28F101-150XN1, M28F101-150XN3, M28F101-150XN6, M28F101-200N1, M28F101-200N3, M28F101-200N6, M28F101-200XN1, M28F101-200XN3, M28F101-200XN6, M28F101-70N1, M28F101-70N3, M28F101-70N6, M28F101-70XN1, M28F101-70XN3, M28F101-70XN6, M28F101-90N1, M28F101-90N3, M28F101-90N6, M28F101-90XN1, M28F101-90XN3, M28F101-90XN6**M28F101 [ TSOP 32 (8x20mm) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** M28F101-100K1, M28F101-100K3, M28F101-100K6, M28F101-100XK1, M28F101-100XK3, M28F101-100XK6, M28F101-120K1, M28F101-120K3, M28F101-120K6, M28F101-120XK1, M28F101-120XK3, M28F101-120XK6, M28F101-150K1, M28F101-150K3, M28F101-150K6, M28F101-150XK1, M28F101-150XK3, M28F101-150XK6, M28F101-200K1, M28F101-200K3, M28F101-200K6, M28F101-200XK1, M28F101-200XK3, M28F101-200XK6, M28F101-70K1, M28F101-70K3, M28F101-70K6, M28F101-70XK1, M28F101-70XK3, M28F101-70XK6, M28F101-90K1, M28F101-90K3, M28F101-90K6, M28F101-90XK1, M28F101-90XK3, M28F101-90XK6**M28F201 [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP32](#)**Variants:** M28F201-120K1, M28F201-120K3, M28F201-120K6, M28F201-120XK1, M28F201-120XK3, M28F201-120XK6, M28F201-150K1, M28F201-150K3, M28F201-150K6, M28F201-150XK1, M28F201-150XK3, M28F201-150XK6, M28F201-70K1, M28F201-70K3, M28F201-70K6, M28F201-70XK1, M28F201-70XK3, M28F201-70XK6, M28F201-90K1, M28F201-90K3, M28F201-90K6, M28F201-90XK1, M28F201-90XK3, M28F201-90XK6**M28F201 [ TSOP 32 (8x20mm) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** M28F201-120N1, M28F201-120N3, M28F201-120N6, M28F201-120XN1, M28F201-120XN3, M28F201-120XN6, M28F201-150N1, M28F201-150N3, M28F201-150N6, M28F201-150XN1, M28F201-150XN3, M28F201-150XN6, M28F201-70N1, M28F201-70N3, M28F201-70N6, M28F201-70XN1, M28F201-70XN3, M28F201-70XN6, M28F201-90N1, M28F201-90N3, M28F201-90N6, M28F201-90XN1, M28F201-90XN3, M28F201-90XN6**M28F256 [ DIP 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M28F256-10B1, M28F256-10B3, M28F256-10B6, M28F256-10XB1, M28F256-10XB3, M28F256-10XB6, M28F256-12B1, M28F256-12B3, M28F256-12B6, M28F256-12XB1, M28F256-12XB3, M28F256-12XB6, M28F256-15B1, M28F256-15B3, M28F256-15B6, M28F256-15XB1, M28F256-15XB3, M28F256-15XB6, M28F256-20B1, M28F256-20B3, M28F256-20B6, M28F256-20XB1, M28F256-20XB3, M28F256-20XB6, M28F256-90B1, M28F256-90B3, M28F256-90B6, M28F256-90XB1, M28F256-90XB3, M28F256-90XB6

**M28F256 [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP32](#)**Variants:** M28F256-10C1, M28F256-10C3, M28F256-10C6, M28F256-10XC1, M28F256-10XC3, M28F256-10XC6, M28F256-12C1, M28F256-12C3, M28F256-12C6, M28F256-12XC1, M28F256-12XC3, M28F256-12XC6, M28F256-15C1, M28F256-15C3, M28F256-15C6, M28F256-15XC1, M28F256-15XC3, M28F256-15XC6, M28F256-20C1, M28F256-20C3, M28F256-20C6, M28F256-20XC1, M28F256-20XC3, M28F256-20XC6, M28F256-90C1, M28F256-90C3, M28F256-90C6, M28F256-90XC1, M28F256-90XC3, M28F256-90XC6**M28F512 [ DIP 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M28F512-10B1, M28F512-10B3, M28F512-10B6, M28F512-10XB1, M28F512-10XB3, M28F512-10XB6, M28F512-12B1, M28F512-12B3, M28F512-12B6, M28F512-12XB1, M28F512-12XB3, M28F512-12XB6, M28F512-15B1, M28F512-15B3, M28F512-15B6, M28F512-15XB1, M28F512-15XB3, M28F512-15XB6, M28F512-20B1, M28F512-20B3, M28F512-20B6, M28F512-20XB1, M28F512-20XB3, M28F512-20XB6, M28F512-90B1, M28F512-90B3, M28F512-90B6, M28F512-90XB1, M28F512-90XB3, M28F512-90XB6**M28F512 [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP32](#)**Variants:** M28F512-10C1, M28F512-10C3, M28F512-10C6, M28F512-10XC1, M28F512-10XC3, M28F512-10XC6, M28F512-12C1, M28F512-12C3, M28F512-12C6, M28F512-12XC1, M28F512-12XC3, M28F512-12XC6, M28F512-15C1, M28F512-15C3, M28F512-15C6, M28F512-15XC1, M28F512-15XC3, M28F512-15XC6, M28F512-20C1, M28F512-20C3, M28F512-20C6, M28F512-20XC1, M28F512-20XC3, M28F512-20XC6, M28F512-90C1, M28F512-90C3, M28F512-90C6, M28F512-90XC1, M28F512-90XC3, M28F512-90XC6**M29F002B [ DIP 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M29F002B-120P1, M29F002B-120P6, M29F002B-120XP1, M29F002B-120XP6, M29F002B-70P1, M29F002B-70P6, M29F002B-70XP1, M29F002B-70XP6, M29F002B-90P1, M29F002B-90P6, M29F002B-90XP1, M29F002B-90XP6**M29F002B [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP32](#)**Variants:** M29F002B-120K1, M29F002B-120K6, M29F002B-120XK1, M29F002B-120XK6, M29F002B-70K1, M29F002B-70K6, M29F002B-70XK1, M29F002B-70XK6, M29F002B-90K1, M29F002B-90K6, M29F002B-90XK1, M29F002B-90XK6**M29F002B [ TSOP 32 (8x20mm) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** M29F002B-120N1, M29F002B-120N6, M29F002B-120XN1, M29F002B-120XN6, M29F002B-70N1, M29F002B-70N6, M29F002B-70XN1, M29F002B-70XN6, M29F002B-90N1, M29F002B-90N6, M29F002B-90XN1, M29F002B-90XN6**M29F002NT [ DIP 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M29F002NT-120P1, M29F002NT-120P6, M29F002NT-120XP1, M29F002NT-120XP6, M29F002NT-70P1, M29F002NT-70P6, M29F002NT-70XP1, M29F002NT-70XP6, M29F002NT-90P1, M29F002NT-90P6, M29F002NT-90XP1, M29F002NT-90XP6**M29F002NT [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP32](#)**Variants:** M29F002NT-120K1, M29F002NT-120K6, M29F002NT-120XK1, M29F002NT-120XK6, M29F002NT-70K1, M29F002NT-70K6, M29F002NT-70XK1, M29F002NT-70XK6, M29F002NT-90K1, M29F002NT-90K6, M29F002NT-90XK1, M29F002NT-90XK6**M29F002NT [ TSOP 32 (8x20mm) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** M29F002NT-120N1, M29F002NT-120N6, M29F002NT-120XN1, M29F002NT-120XN6, M29F002NT-70N1, M29F002NT-70N6, M29F002NT-70XN1, M29F002NT-70XN6, M29F002NT-90N1, M29F002NT-90N6, M29F002NT-90XN1, M29F002NT-90XN6**M29F002T [ DIP 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M29F002T-120P1, M29F002T-120P6, M29F002T-120XP1, M29F002T-120XP6, M29F002T-70P1, M29F002T-70P6, M29F002T-70XP1, M29F002T-70XP6, M29F002T-90P1, M29F002T-90P6, M29F002T-90XP1, M29F002T-90XP6**M29F002T [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP32](#)**Variants:** M29F002T-120K1, M29F002T-120K6, M29F002T-120XK1, M29F002T-120XK6, M29F002T-70K1, M29F002T-70K6, M29F002T-70XK1, M29F002T-70XK6, M29F002T-90K1, M29F002T-90K6, M29F002T-90XK1, M29F002T-90XK6

**M29F002T [ TSOP 32 (8x20mm) ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** M29F002T-120N1, M29F002T-120N6, M29F002T-120XN1, M29F002T-120XN6, M29F002T-70N1, M29F002T-70N6, M29F002T-70XN1, M29F002T-70XN6, M29F002T-90N1, M29F002T-90N6, M29F002T-90XN1, M29F002T-90XN6

**M29F010B [ DIP 32 ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** None

**Variants:** M29F010B-120P1, M29F010B-120P3, M29F010B-120P6, M29F010B-45P1, M29F010B-45P3, M29F010B-45P6, M29F010B-70P1, M29F010B-70P3, M29F010B-70P6, M29F010B-90P1, M29F010B-90P3, M29F010B-90P6

**M29F010B [ PLCC 32 ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** M29F010B-120K1, M29F010B-120K3, M29F010B-120K6, M29F010B-45K1, M29F010B-45K3, M29F010B-45K6, M29F010B-70K1, M29F010B-70K3, M29F010B-70K6, M29F010B-90K1, M29F010B-90K3, M29F010B-90K6

**M29F010B [ TSOP 32 (8x20mm) ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** M29F010B-120N1, M29F010B-120N3, M29F010B-120N6, M29F010B-45N1, M29F010B-45N3, M29F010B-45N6, M29F010B-70N1, M29F010B-70N3, M29F010B-70N6, M29F010B-90N1, M29F010B-90N3, M29F010B-90N6

**M29F040B [ DIP 32 ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** None

**Variants:** M29F040B-45P1, M29F040B-45P3, M29F040B-45P6, M29F040B-55P1, M29F040B-55P3, M29F040B-55P6, M29F040B-70P1, M29F040B-70P3, M29F040B-70P6, M29F040B-90P1, M29F040B-90P3, M29F040B-90P6

**M29F040B [ PLCC 32 ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** M29F040B-45K1, M29F040B-45K3, M29F040B-45K6, M29F040B-55K1, M29F040B-55K3, M29F040B-55K6, M29F040B-70K1, M29F040B-70K3, M29F040B-70K6, M29F040B-90K1, M29F040B-90K3, M29F040B-90K6

**M29F040B [ TSOP 32 (8x20mm) ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** M29F040B-45N1, M29F040B-45N3, M29F040B-45N6, M29F040B-55N1, M29F040B-55N3, M29F040B-55N6, M29F040B-70N1, M29F040B-70N3, M29F040B-70N6, M29F040B-90N1, M29F040B-90N3, M29F040B-90N6

**M48T02 [ DIP 24 ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** None

**Variants:** M48T02-120PC1, M48T02-150PC1, M48T02-200PC1

**M48T08 [ DIP 28 ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** None

**Variants:** M48T08-100PC1, M48T08-150PC1

**M48T08 [ SOIC 28 (300mil) ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** M48T08-100MH1, M48T08-150MH1

**M48T12 [ DIP 24 ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** None

**Variants:** M48T12-120PC1, M48T12-150PC1, M48T12-200PC1

**M48T128Y [ DIP 32 ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** None

**Variants:** M48T128Y-70PM, M48T128Y-70PM1, M48T128Y-85PM, M48T128Y-85PM1

**M48T18 [ DIP 28 ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** None

**Variants:** M48T18-100PC1, M48T18-150PC1

**M48T18 [ SOIC 28 (300mil) ]**

**Manufacturer:** ST (SGS Thomson)  
**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)  
**Variants:** M48T18-100MH1, M48T18-150MH1

**M48T18 (RK) [ DIP 28 ]**

**Manufacturer:** ST (SGS Thomson)  
**Required Adapter:** None  
**Variants:** M48T18-100PC1, M48T18-150PC1

**M48T18 (RK) [ SOIC 28 (300mil) ]**

**Manufacturer:** ST (SGS Thomson)  
**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)  
**Variants:** M48T18-100MH1, M48T18-150MH1

**M48T35 [ DIP 28 ]**

**Manufacturer:** ST (SGS Thomson)  
**Required Adapter:** None  
**Variants:** M48T35-70PC1, M48T35-70PC6

**M48T35 [ SOIC 28 (300mil) ]**

**Manufacturer:** ST (SGS Thomson)  
**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)  
**Variants:** M48T35-70MH1, M48T35-70MH6

**M48T35Y [ DIP 28 ]**

**Manufacturer:** ST (SGS Thomson)  
**Required Adapter:** None  
**Variants:** M48T35Y-70PC1, M48T35Y-70PC6

**M48T35Y [ SOIC 28 (300mil) ]**

**Manufacturer:** ST (SGS Thomson)  
**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)  
**Variants:** M48T35Y-70MH1, M48T35Y-70MH6

**M48T58 [ DIP 28 ]**

**Manufacturer:** ST (SGS Thomson)  
**Required Adapter:** None  
**Variants:** M48T58-70PC1

**M48T58 [ SOIC 28 (300mil) ]**

**Manufacturer:** ST (SGS Thomson)  
**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)  
**Variants:** M48T58-70MH1

**M48T59 [ DIP 28 ]**

**Manufacturer:** ST (SGS Thomson)  
**Required Adapter:** None  
**Variants:** M48T59-70PC1

**M48T59 [ SOIC 28 (300mil) ]**

**Manufacturer:** ST (SGS Thomson)  
**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)  
**Variants:** M48T59-70MH1

**M48Z02 [ DIP 24 ]**

**Manufacturer:** ST (SGS Thomson)  
**Required Adapter:** None  
**Variants:** M48Z02-120PC1, M48Z02-150PC1, M48Z02-200PC1

**M48Z08 [ DIP 28 ]**

**Manufacturer:** ST (SGS Thomson)  
**Required Adapter:** None  
**Variants:** M48Z08-100PC1

**M48Z12 [ DIP 24 ]**

**Manufacturer:** ST (SGS Thomson)  
**Required Adapter:** None  
**Variants:** M48Z12-120PC1, M48Z12-150PC1, M48Z12-200PC1

**M48Z18 [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M48Z18-100PC1, M48Z18-100PC6**M48Z18 [ SOIC 28 (300mil) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** M48Z18-100MH**M48Z35 [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M48Z35-70PC1, M48Z35-70PC6**M48Z35 [ SOIC 28 (300mil) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** M48Z35-70MH1, M48Z35-70MH6**M48Z35Y [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M48Z35Y-70PC1, M48Z35Y-70PC6**M48Z35Y [ SOIC 28 (300mil) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** M48Z35Y-70MH1, M48Z35Y-70MH6**M48Z512A [ DIP 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M48Z512A-70PM1, M48Z512A-70PM9, M48Z512A-85PM1, M48Z512A-85PM9, M48Z512AY-70PM1, M48Z512AY-70PM9, M48Z512AY-85PM1, M48Z512AY-85PM9**M48Z58 [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M48Z58**M48Z58 [ SOIC 28 (300mil) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** M48Z58-70MH1**M87C257 [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M87C257-10F1, M87C257-10F3, M87C257-10F6, M87C257-10F7, M87C257-12F1, M87C257-12F3, M87C257-12F6, M87C257-12F7, M87C257-15F1, M87C257-15F3, M87C257-15F6, M87C257-15F7, M87C257-20F1, M87C257-20F3, M87C257-20F6, M87C257-20F7, M87C257-45F1, M87C257-45F3, M87C257-45F6, M87C257-45F7, M87C257-60F1, M87C257-60F3, M87C257-60F6, M87C257-60F7, M87C257-70F1, M87C257-70F3, M87C257-70F6, M87C257-70F7, M87C257-80F1, M87C257-80F3, M87C257-80F6, M87C257-80F7, M87C257-90F1, M87C257-90F3, M87C257-90F6, M87C257-90F7**M87C257 [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP28](#)**Variants:** M87C257-10C1, M87C257-10C3, M87C257-10C6, M87C257-10C7, M87C257-12C1, M87C257-12C3, M87C257-12C6, M87C257-12C7, M87C257-15C1, M87C257-15C3, M87C257-15C6, M87C257-15C7, M87C257-20C1, M87C257-20C3, M87C257-20C6, M87C257-20C7, M87C257-45C1, M87C257-45C3, M87C257-45C6, M87C257-45C7, M87C257-60C1, M87C257-60C3, M87C257-60C6, M87C257-60C7, M87C257-70C1, M87C257-70C3, M87C257-70C6, M87C257-70C7, M87C257-80C1, M87C257-80C3, M87C257-80C6, M87C257-80C7, M87C257-90C1, M87C257-90C3, M87C257-90C6, M87C257-90C7**MK48T02 [ DIP 24 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** MK48T02-12, MK48T02-15, MK48T02-20, MK48T02-25, MK48T02B-12, MK48T02B-15, MK48T02B-20, MK48T02B-25**MK48T08 [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** MK48T08-100PC1, MK48T08-150PC1, MK48T08B-10, MK48T08B-15

**MK48T12 [ DIP 24 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** MK48T12B-12, MK48T12B-15, MK48T12B-20, MK48T12B-25**MK48T18 [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** MK48T18B-10, MK48T18B-15**MK48Z02 [ DIP 24 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** MK48Z02-120PC1, MK48Z02-150PC1, MK48Z02-200PC1**MK48Z08 [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** MK48Z08-100PC1, MK48Z08-150PC1, MK48Z08B-10, MK48Z08B-15**MK48Z12 [ DIP 24 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** MK48Z12B-12, MK48Z12B-15, MK48Z12B-20, MK48Z12B-25**TS27C256B [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** TS27C256B-15C, TS27C256B-15VQ, TS27C256B-15XC, TS27C256B-17C, TS27C256B-17VQ, TS27C256B-17XC, TS27C256B-20C, TS27C256B-20VQ, TS27C256B-20XC, TS27C256B-25C, TS27C256B-25VQ, TS27C256B-25XC, TS27C256B-30C, TS27C256B-30VQ, TS27C256B-30XC**TS27C64A [ DIP 28 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** TS27C64A-20CP, TS27C64A-20CQ, TS27C64A-20VP, TS27C64A-20VQ, TS27C64A-20XCQ, TS27C64A-25CP, TS27C64A-25CQ, TS27C64A-25VP, TS27C64A-25VQ, TS27C64A-25XCQ, TS27C64A-30CQ, TS27C64A-30VQ, TS27C64A-30XCQ, TS27C64A-35VP**TS27C64A [ PLCC 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC32-DIP28](#)**Variants:** TS27C64A-20CFN, TS27C64A-20VFN, TS27C64A-25CFN, TS27C64A-25VFN



## Samsung

### KM2816A [ DIP 24 ]

**Manufacturer:** Samsung

**Required Adapter:** None

**Variants:** KM2816A-, KM2816AP25, KM2816AP30, KM2816AP35

### KM2816A [ PLCC 32 ]

**Manufacturer:** Samsung

**Required Adapter:** [PLCC32-DIP24](#)

**Variants:** KM2816A-

### KM2864A [ DIP 28 ]

**Manufacturer:** Samsung

**Required Adapter:** None

**Variants:** KM2864A-20, KM2864A-25, KM2864A-30

### KM2864AH [ DIP 28 ]

**Manufacturer:** Samsung

**Required Adapter:** None

**Variants:** KM2864AH-

### KM28C16 [ DIP 24 ]

**Manufacturer:** Samsung

**Required Adapter:** None

**Variants:** KM28C16-15, KM28C16-20, KM28C16-25, KM28C16I5, KM28C16I200, KM28C16I15, KM28C16I20, KM28C16I25

### KM28C64A [ DIP 28 ]

**Manufacturer:** Samsung

**Required Adapter:** None

**Variants:** KM28C64A-12, KM28C64A-15, KM28C64A-20, KM28C64A-25, KM28C64AI-12, KM28C64AI-15, KM28C64AI-20, KM28C64AI-25

### KM28C64A [ PLCC 32 ]

**Manufacturer:** Samsung

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** KM28C64A-12, KM28C64A-15, KM28C64A-20, KM28C64A-25, KM28C64AI-12, KM28C64AI-15, KM28C64AI-20, KM28C64AI-25

### KM28C65A [ DIP 28 ]

**Manufacturer:** Samsung

**Required Adapter:** None

**Variants:** KM28C65A-12, KM28C65A-15, KM28C65A-20, KM28C65A-25, KM28C65AI-12, KM28C65AI-15, KM28C65AI-20, KM28C65AI-25

### KM28C65A [ PLCC 32 ]

**Manufacturer:** Samsung

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** KM28C65A-12, KM28C65A-15, KM28C65A-20, KM28C65A-25, KM28C65AI-12, KM28C65AI-15, KM28C65AI-20, KM28C65AI-25

### KM62256BLPI [ DIP 28 ]

**Manufacturer:** Samsung

**Required Adapter:** None

**Variants:** KM62256BLPI-12, KM62256BLPI-15, KM62256BLPI-20, KM62256BLPI-25, KM62256BLPII-12, KM62256BLPII-15, KM62256BLPII-20, KM62256BLPII-25

## Sanyo

### **LC35256D [ DIP 28 ]**

**Manufacturer:** Sanyo

**Required Adapter:** None

**Variants:** LC35256D-10, LC35256D-70

### **LC35256D [ SOIC 28 (450mil) ]**

**Manufacturer:** Sanyo

**Required Adapter:** [SOIC28\(450mil\)-DIP28](#)

**Variants:** LC35256DM, LC35256DM-10, LC35256DM-70

### **LC35256D [ TSOP 28 (8x14mm) ]**

**Manufacturer:** Sanyo

**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)

**Variants:** LC35256DT, LC35256DT-10, LC35256DT-70

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## Seiko Instruments

### **S-2864B [ SOIC 28 (300mil) ]**

**Manufacturer:** Seiko Instruments

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** S-2864BFE-150

### **S-2864B [ TSOP 28 (8x14mm) ]**

**Manufacturer:** Seiko Instruments

**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)

**Variants:** S-2864BTF-150

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## Sharp

**LH52256CN [ SOIC 28 (450mil) ]**

**Manufacturer:** Sharp

**Required Adapter:** [SOIC28\(450mil\)-DIP28](#)

**Variants:** LH52256CN-10LL

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## Signetics

### **27C010 [ DIP 32 ]**

**Manufacturer:** Signetics

**Required Adapter:** None

**Variants:** 27C010-12FA, 27C010-12N, 27C010-15FA, 27C010-15N, 27C010-20FA, 27C010-20N, 27C010I15FA, 27C010I15N, 27C010I20FA, 27C010I20N

### **27C010 [ PLCC 32 ]**

**Manufacturer:** Signetics

**Required Adapter:** None

**Variants:** 27C010-12A, 27C010-15A, 27C010-20A, 27C010I15A, 27C010I20A

### **S27C64A [ DIP 28 ]**

**Manufacturer:** Signetics

**Required Adapter:** None

**Variants:** S27C64A-25FA

## SyncMOS

### **F29C51002T [ DIP 32 ]**

**Manufacturer:** SyncMOS

**Required Adapter:** None

**Variants:** F29C51002T-12P, F29C51002T-12PI, F29C51002T-15P, F29C51002T-15PI, F29C51002T-70P, F29C51002T-70PI, F29C51002T-90P, F29C51002T-90PI

### **F29C51002T [ PLCC 32 ]**

**Manufacturer:** SyncMOS

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** F29C51002T-12J, F29C51002T-12JI, F29C51002T-15J, F29C51002T-15JI, F29C51002T-70J, F29C51002T-70JI, F29C51002T-90J, F29C51002T-90JI

### **F29C51002T [ TSOP 32 (8x20mm) ]**

**Manufacturer:** SyncMOS

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** F29C51002T-12T, F29C51002T-12TI, F29C51002T-15T, F29C51002T-15TI, F29C51002T-70T, F29C51002T-70TI, F29C51002T-90T, F29C51002T-90TI

## Texas Instruments

### SMJ27C010A [ DIP 32 ]

**Manufacturer:** Texas Instruments  
**Required Adapter:** None  
**Variants:** SMJ27C010A-12, SMJ27C010A-15, SMJ27C010A-20

### SMJ27C040 [ DIP 32 ]

**Manufacturer:** Texas Instruments  
**Required Adapter:** None  
**Variants:** SMJ27C040-10, SMJ27C040-12, SMJ27C040-15

### TMS2516 (Read Only) [ DIP 24 ]

**Manufacturer:** Texas Instruments  
**Required Adapter:** None  
**Variants:** TMS2516-

### TMS27128 [ DIP 28 ]

**Manufacturer:** Texas Instruments  
**Required Adapter:** None  
**Variants:** TMS27128-20JL, TMS27128-25JL, TMS27128-30JL, TMS27128-45JL

### TMS2732A (21V) [ DIP 24 ]

**Manufacturer:** Texas Instruments  
**Required Adapter:** None  
**Variants:** TMS2732A-17JL, TMS2732A-20JL, TMS2732A-20JL-T, TMS2732A-25JL, TMS2732A-25JL-T, TMS2732A-30JL, TMS2732A-35JL, TMS2732A-45JL, TMS2732A-JL

### TMS2764 (21V) [ DIP 28 ]

**Manufacturer:** Texas Instruments  
**Required Adapter:** None  
**Variants:** TMS2764-17JL, TMS2764-20JL, TMS2764-25, TMS2764-25JL, TMS2764-30JL, TMS2764-45JL, TMS2764-JL, TMS2764H-20JL, TMS2764H-25JL, TMS2764H-30JL, TMS2764H-45JL

### TMS27C010A [ DIP 32 ]

**Manufacturer:** Texas Instruments  
**Required Adapter:** None  
**Variants:** TMS27C010A-10JE, TMS27C010A-10JL, TMS27C010A-12JE, TMS27C010A-12JL, TMS27C010A-15JE, TMS27C010A-15JL, TMS27C010A-20JE, TMS27C010A-20JL

### TMS27C020 [ DIP 32 ]

**Manufacturer:** Texas Instruments  
**Required Adapter:** None  
**Variants:** TMS27C020-10, TMS27C020-12, TMS27C020-15, TMS27C020-20, TMS27C020-25

### TMS27C040 [ DIP 32 ]

**Manufacturer:** Texas Instruments  
**Required Adapter:** None  
**Variants:** TMS27C040-10, TMS27C040-12, TMS27C040-15

### TMS27C128 [ DIP 28 ]

**Manufacturer:** Texas Instruments  
**Required Adapter:** None  
**Variants:** TMS27C128-JE, TMS27C128-JE4, TMS27C128-JL, TMS27C128-JL4

### TMS27C256 [ DIP 28 ]

**Manufacturer:** Texas Instruments  
**Required Adapter:** None  
**Variants:** TMS27C256-100JE, TMS27C256-100JE4, TMS27C256-100JL, TMS27C256-100JL4, TMS27C256-10JE, TMS27C256-10JE4, TMS27C256-10JL, TMS27C256-10JL4, TMS27C256-120JE, TMS27C256-120JE4, TMS27C256-120JL, TMS27C256-120JL4, TMS27C256-12JE, TMS27C256-12JE4, TMS27C256-12JL, TMS27C256-12JL4, TMS27C256-150JE, TMS27C256-150JE4, TMS27C256-150JL, TMS27C256-150JL4, TMS27C256-15JE, TMS27C256-15JE4, TMS27C256-15JL, TMS27C256-15JL4, TMS27C256-17JE, TMS27C256-17JE4, TMS27C256-17JL, TMS27C256-17JL4, TMS27C256-20JE, TMS27C256-20JE4, TMS27C256-20JL, TMS27C256-20JL4, TMS27C256-25JE, TMS27C256-25JE4, TMS27C256-25JL, TMS27C256-25JL4, TMS27C256-2JE, TMS27C256-2JE4, TMS27C256-2JL, TMS27C256-2JL4

**TMS27C256 [ PLCC 32 ]****Manufacturer:** Texas Instruments**Required Adapter:** [PLCC32-DIP28](#)**Variants:** TMS27C256-100FME, TMS27C256-100FME4, TMS27C256-100FML, TMS27C256-100FML4, TMS27C256-10FME, TMS27C256-10FME4, TMS27C256-10FML, TMS27C256-10FML4, TMS27C256-120FME, TMS27C256-120FME4, TMS27C256-120FML, TMS27C256-120FML4, TMS27C256-12FME, TMS27C256-12FME4, TMS27C256-12FML, TMS27C256-12FML4, TMS27C256-150FME, TMS27C256-150FME4, TMS27C256-150FML, TMS27C256-150FML4, TMS27C256-15FME, TMS27C256-15FME4, TMS27C256-15FML, TMS27C256-15FML4, TMS27C256-17FME, TMS27C256-17FME4, TMS27C256-17FML, TMS27C256-17FML4, TMS27C256-20FME, TMS27C256-20FME4, TMS27C256-20FML, TMS27C256-20FML4, TMS27C256-25FME, TMS27C256-25FME4, TMS27C256-25FML, TMS27C256-25FML4, TMS27C256-2FME, TMS27C256-2FME4, TMS27C256-2FML, TMS27C256-2FML4**TMS27C292 [ DIP 24 ]****Manufacturer:** Texas Instruments**Required Adapter:** None**Variants:** TMS27C292-100JE, TMS27C292-100JE4, TMS27C292-100JL, TMS27C292-100JL4, TMS27C292-10JE, TMS27C292-10JE4, TMS27C292-10JL, TMS27C292-10JL4, TMS27C292-120JE, TMS27C292-120JE4, TMS27C292-120JL, TMS27C292-120JL4, TMS27C292-12JE, TMS27C292-12JE4, TMS27C292-12JL, TMS27C292-12JL4, TMS27C292-150JE, TMS27C292-150JE4, TMS27C292-150JL, TMS27C292-150JL4, TMS27C292-15JE, TMS27C292-15JE4, TMS27C292-15JL, TMS27C292-15JL4, TMS27C292-17JE, TMS27C292-17JE4, TMS27C292-17JL, TMS27C292-17JL4, TMS27C292-20JE, TMS27C292-20JE4, TMS27C292-20JL, TMS27C292-20JL4, TMS27C292-25JE, TMS27C292-25JE4, TMS27C292-25JL, TMS27C292-25JL4, TMS27C292-2JE, TMS27C292-2JE4, TMS27C292-2JL, TMS27C292-2JL4**TMS27C510 [ PLCC 32 ]****Manufacturer:** Texas Instruments**Required Adapter:** [PLCC32-DIP32](#)**Variants:** TMS27C510-12NE, TMS27C510-12NE4, TMS27C510-12NL, TMS27C510-15NE, TMS27C510-15NE4, TMS27C510-15NL, TMS27C510-17NE, TMS27C510-17NE4**TMS27C512 [ DIP 28 ]****Manufacturer:** Texas Instruments**Required Adapter:** None**Variants:** TMS27C512-10FME, TMS27C512-10FML, TMS27C512-12FME, TMS27C512-12FML, TMS27C512-15FME, TMS27C512-15FML, TMS27C512-20FME, TMS27C512-20FML, TMS27C512-25FME, TMS27C512-25FML**TMS27C64 [ DIP 28 ]****Manufacturer:** Texas Instruments**Required Adapter:** None**Variants:** TMS27C64-100JE, TMS27C64-100JE4, TMS27C64-100JL, TMS27C64-100JL4, TMS27C64-120JE, TMS27C64-120JE4, TMS27C64-120JL, TMS27C64-120JL4, TMS27C64-12JE, TMS27C64-12JE4, TMS27C64-12JL, TMS27C64-12JL4, TMS27C64-15JE, TMS27C64-15JE4, TMS27C64-15JL, TMS27C64-15JL4, TMS27C64-1JE, TMS27C64-1JE4, TMS27C64-1JL, TMS27C64-1JL4, TMS27C64-20JE, TMS27C64-20JE4, TMS27C64-20JL, TMS27C64-20JL4, TMS27C64-25JE, TMS27C64-25JE4, TMS27C64-25JL, TMS27C64-25JL4, TMS27C64-2JE, TMS27C64-2JE4, TMS27C64-2JL, TMS27C64-2JL4, TMS27C64-JE, TMS27C64-JE4, TMS27C64-JL, TMS27C64-JL4**TMS27PC010A [ PLCC 32 ]****Manufacturer:** Texas Instruments**Required Adapter:** [PLCC32-DIP32](#)**Variants:** TMS27PC010A-10FME, TMS27PC010A-10FML, TMS27PC010A-12FME, TMS27PC010A-12FML, TMS27PC010A-15FME, TMS27PC010A-15FML, TMS27PC010A-20FME, TMS27PC010A-20FML**TMS27PC020 [ PLCC 32 ]****Manufacturer:** Texas Instruments**Required Adapter:** [PLCC32-DIP32](#)**Variants:** TMS27PC020-10, TMS27PC020-12, TMS27PC020-15, TMS27PC020-20, TMS27PC020-25**TMS27PC040 [ PLCC 32 ]****Manufacturer:** Texas Instruments**Required Adapter:** [PLCC32-DIP32](#)**Variants:** TMS27PC040-10, TMS27PC040-12, TMS27PC040-15**TMS27PC128 [ DIP 28 ]****Manufacturer:** Texas Instruments**Required Adapter:** None**Variants:** TMS27PC128-NE, TMS27PC128-NE4, TMS27PC128-NL, TMS27PC128-NL4**TMS27PC128 [ PLCC 32 ]****Manufacturer:** Texas Instruments**Required Adapter:** [PLCC32-DIP28](#)**Variants:** TMS27PC128-FME, TMS27PC128-FME4, TMS27PC128-FML, TMS27PC128-FML4



**TMS27PC256 [ DIP 28 ]****Manufacturer:** Texas Instruments**Required Adapter:** None

**Variants:** TMS27PC256-100JE, TMS27PC256-100JE4, TMS27PC256-100JL, TMS27PC256-100JL4, TMS27PC256-10JE, TMS27PC256-10JE4, TMS27PC256-10JL, TMS27PC256-10JL4, TMS27PC256-120JE, TMS27PC256-120JE4, TMS27PC256-120JL, TMS27PC256-120JL4, TMS27PC256-12JE, TMS27PC256-12JE4, TMS27PC256-12JL, TMS27PC256-12JL4, TMS27PC256-150JE, TMS27PC256-150JE4, TMS27PC256-150JL, TMS27PC256-150JL4, TMS27PC256-15JE, TMS27PC256-15JE4, TMS27PC256-15JL, TMS27PC256-15JL4, TMS27PC256-17JE, TMS27PC256-17JE4, TMS27PC256-17JL, TMS27PC256-17JL4, TMS27PC256-20JE, TMS27PC256-20JE4, TMS27PC256-20JL, TMS27PC256-20JL4, TMS27PC256-25JE, TMS27PC256-25JE4, TMS27PC256-25JL, TMS27PC256-25JL4, TMS27PC256-2JE, TMS27PC256-2JE4, TMS27PC256-2JL, TMS27PC256-2JL4

**TMS27PC256 [ PLCC 32 ]****Manufacturer:** Texas Instruments**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** TMS27PC256-100FME, TMS27PC256-100FME4, TMS27PC256-100FML, TMS27PC256-100FML4, TMS27PC256-10FME, TMS27PC256-10FME4, TMS27PC256-10FML, TMS27PC256-10FML4, TMS27PC256-120FME, TMS27PC256-120FME4, TMS27PC256-120FML, TMS27PC256-120FML4, TMS27PC256-12FME, TMS27PC256-12FME4, TMS27PC256-12FML, TMS27PC256-12FML4, TMS27PC256-150FME, TMS27PC256-150FME4, TMS27PC256-150FML, TMS27PC256-150FML4, TMS27PC256-15FME, TMS27PC256-15FME4, TMS27PC256-15FML, TMS27PC256-15FML4, TMS27PC256-17FME, TMS27PC256-17FME4, TMS27PC256-17FML, TMS27PC256-17FML4, TMS27PC256-20FME, TMS27PC256-20FME4, TMS27PC256-20FML, TMS27PC256-20FML4, TMS27PC256-25FME, TMS27PC256-25FME4, TMS27PC256-25FML, TMS27PC256-25FML4, TMS27PC256-2FME, TMS27PC256-2FME4, TMS27PC256-2FML, TMS27PC256-2FML4

**TMS27PC510 [ DIP 32 ]****Manufacturer:** Texas Instruments**Required Adapter:** None

**Variants:** TMS27PC510-15FME, TMS27PC510-15FME4, TMS27PC510-15FML, TMS27PC510-15FME, TMS27PC510-17FME4, TMS27PC510-17FML, TMS27PC510-20FME, TMS27PC510-20FME4, TMS27PC510-20FML, TMS27PC510-25FME, TMS27PC510-25FME4, TMS27PC510-25FML

**TMS27PC510 [ PLCC 32 ]****Manufacturer:** Texas Instruments**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** TMS27PC510-15NE, TMS27PC510-15NE4, TMS27PC510-15NL, TMS27PC510-17NE, TMS27PC510-17NE4, TMS27PC510-17NL, TMS27PC510-20NE, TMS27PC510-20NE4, TMS27PC510-20NL, TMS27PC510-25NE, TMS27PC510-25NE4, TMS27PC510-25NL

**TMS27PC512 [ PLCC 32 ]****Manufacturer:** Texas Instruments**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** TMS27PC512-10JE, TMS27PC512-10JL, TMS27PC512-12JE, TMS27PC512-12JL, TMS27PC512-15JE, TMS27PC512-15JL, TMS27PC512-20JE, TMS27PC512-20JL, TMS27PC512-25JE, TMS27PC512-25JL

**TMS27PC64 [ DIP 28 ]****Manufacturer:** Texas Instruments**Required Adapter:** None

**Variants:** TMS27PC64-100JE, TMS27PC64-100JE4, TMS27PC64-100JL, TMS27PC64-100JL4, TMS27PC64-120JE, TMS27PC64-120JE4, TMS27PC64-120JL, TMS27PC64-120JL4, TMS27PC64-12JE, TMS27PC64-12JE4, TMS27PC64-12JL, TMS27PC64-12JL4, TMS27PC64-15JE, TMS27PC64-15JE4, TMS27PC64-15JL, TMS27PC64-15JL4, TMS27PC64-1JE, TMS27PC64-1JE4, TMS27PC64-1JL, TMS27PC64-1JL4, TMS27PC64-20JE, TMS27PC64-20JE4, TMS27PC64-20JL, TMS27PC64-20JL4, TMS27PC64-25JE, TMS27PC64-25JE4, TMS27PC64-25JL, TMS27PC64-25JL4, TMS27PC64-2JE, TMS27PC64-2JE4, TMS27PC64-2JL, TMS27PC64-2JL4, TMS27PC64-JE, TMS27PC64-JE4, TMS27PC64-JL, TMS27PC64-JL4

**TMS28F010A [ DIP 32 ]****Manufacturer:** Texas Instruments**Required Adapter:** None

**Variants:** TMS28F010A-10C3NE, TMS28F010A-10C3NL, TMS28F010A-10C3NQ, TMS28F010A-10C4NE, TMS28F010A-10C4NL, TMS28F010A-10C4NQ, TMS28F010A-12C3NE, TMS28F010A-12C3NL, TMS28F010A-12C3NQ, TMS28F010A-12C4NE, TMS28F010A-12C4NL, TMS28F010A-12C4NQ, TMS28F010A-15C3NE, TMS28F010A-15C3NL, TMS28F010A-15C3NQ, TMS28F010A-15C4NE, TMS28F010A-15C4NL, TMS28F010A-15C4NQ, TMS28F010A-17C3NE, TMS28F010A-17C3NL, TMS28F010A-17C3NQ, TMS28F010A-17C4NE, TMS28F010A-17C4NL, TMS28F010A-17C4NQ

**TMS28F010A [ PLCC 32 ]****Manufacturer:** Texas Instruments**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** TMS28F010A-10C3FME, TMS28F010A-10C3FML, TMS28F010A-10C3FMQ, TMS28F010A-10C4FME, TMS28F010A-10C4FML, TMS28F010A-10C4FMQ, TMS28F010A-12C3FME, TMS28F010A-12C3FML, TMS28F010A-12C3FMQ, TMS28F010A-12C4FME, TMS28F010A-12C4FML, TMS28F010A-12C4FMQ, TMS28F010A-15C3FME, TMS28F010A-15C3FML, TMS28F010A-15C3FMQ, TMS28F010A-15C4FME, TMS28F010A-15C4FML, TMS28F010A-15C4FMQ, TMS28F010A-17C3FME, TMS28F010A-17C3FML, TMS28F010A-17C3FMQ, TMS28F010A-17C4FME, TMS28F010A-17C4FML, TMS28F010A-17C4FMQ

**TMS28F010A [ TSOP 32 (8x20mm) ]****Manufacturer:** Texas Instruments**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** TMS28F010A-10C3DDE, TMS28F010A-10C3DDL, TMS28F010A-10C3DDQ, TMS28F010A-10C4DDE, TMS28F010A-10C4DDL, TMS28F010A-10C4DDQ, TMS28F010A-12C3DDE, TMS28F010A-12C3DDL, TMS28F010A-12C3DDQ, TMS28F010A-12C4DDE, TMS28F010A-12C4DDL, TMS28F010A-12C4DDQ, TMS28F010A-15C3DDE, TMS28F010A-15C3DDL, TMS28F010A-15C3DDQ, TMS28F010A-15C4DDE, TMS28F010A-15C4DDL, TMS28F010A-15C4DDQ, TMS28F010A-17C3DDE, TMS28F010A-17C3DDL, TMS28F010A-17C3DDQ, TMS28F010A-17C4DDE, TMS28F010A-17C4DDL, TMS28F010A-17C4DDQ**TMS28F512A [ PLCC 32 ]****Manufacturer:** Texas Instruments**Required Adapter:** [PLCC32-DIP32](#)**Variants:** TMS28F512A-10C3FME, TMS28F512A-10C3FML, TMS28F512A-10C3FMQ, TMS28F512A-10C4FME, TMS28F512A-10C4FML, TMS28F512A-10C4FMQ, TMS28F512A-12C3FME, TMS28F512A-12C3FML, TMS28F512A-12C3FMQ, TMS28F512A-12C4FME, TMS28F512A-12C4FML, TMS28F512A-12C4FMQ, TMS28F512A-15C3FME, TMS28F512A-15C3FML, TMS28F512A-15C3FMQ, TMS28F512A-15C4FME, TMS28F512A-15C4FML, TMS28F512A-15C4FMQ, TMS28F512A-17C3FME, TMS28F512A-17C3FML, TMS28F512A-17C3FMQ, TMS28F512A-17C4FME, TMS28F512A-17C4FML, TMS28F512A-17C4FMQ**TMS87C257 [ DIP 28 ]****Manufacturer:** Texas Instruments**Required Adapter:** None**Variants:** TMS87C257-150JL, TMS87C257-1JL, TMS87C257-2JL

## Toshiba

### **TC571000D [ DIP 32 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TC571000D-100, TC571000D-20, TC571000D-25, TC571000D-85

### **TC57256 [ DIP 28 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TC57256-

### **TC57256 (21V) [ DIP 28 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TC57256-

### **TC57256AD [ DIP 28 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TC57256AD-12, TC57256AD-120, TC57256AD-15, TC57256AD-150

### **TC57256AD(21V) [ DIP 28 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TC57256AD-12, TC57256AD-120, TC57256AD-15, TC57256AD-150

### **TC574000D [ DIP 32 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TC574000D-12, TC574000D-120, TC574000D-150

### **TC57512 [ DIP 28 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TC57512-

### **TC57512 (21V) [ DIP 28 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TC57512-

### **TC57512AD [ DIP 28 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TC57512AD-15, TC57512AD-20

### **TC57512AD(21V) [ DIP 28 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TC57512AD-15, TC57512AD-20

### **TMM27128AD (12.5V) [ DIP 28 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TMM27128AD-15, TMM27128AD-150, TMM27128AD-20, TMM27128AD-200

### **TMM27256BDI (12.75V) [ DIP 28 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TMM27256BDI-15, TMM27256BDI-20

### **TMM2732 (25V) [ DIP 24 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TMM2732D

### **TMM27512D (12.5V) [ DIP 28 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TMM27512D-20, TMM27512D-200, TMM27512D-25, TMM27512D-250, TMM27512DI-20, TMM27512DI-25

**TMM2764A (12.5V) [ DIP 28 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TMM2764ADI-15, TMM2764ADI-20

**TMM2764D (12.5V) [ DIP 28 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TMM2764DI-15, TMM2764DI-20

**TMM2764D (21V) [ DIP 28 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TMM2764DI-15, TMM2764DI-20

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## Unitrode

### **bq4015 [ DIP 32 ]**

**Manufacturer:** Unitrode

**Required Adapter:** None

**Variants:** bq4015MA-120, bq4015MA-120N, bq4015MA-70, bq4015MA-70N, bq4015MA-85, bq4015MA-85N, bq4015YMA-120, bq4015YMA-120N, bq4015YMA-70, bq4015YMA-70N, bq4015YMA-85, bq4015YMA-85N

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## WSI (Waferscale Integration)

### **WS27C010L [ DIP 32 ]**

**Manufacturer:** WSI (Waferscale Integration)

**Required Adapter:** None

**Variants:** WS27C010L-12DMB, WS27C010L-15DMB, WS27C010L-17DMB, WS27C010L-20DMB

### **WS27C010L [ PLCC 32 ]**

**Manufacturer:** WSI (Waferscale Integration)

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** WS27C010L-12CMB, WS27C010L-15CMB, WS27C010L-17CMB, WS27C010L-20CMB

## Winbond

### W24257 [ SOIC 28 (300mil) ]

Manufacturer: Winbond

Required Adapter: [SOIC28\(300mil\)-DIP28](#)

Variants: W24257S-70L, W24257S-70LE, W24257S-70LL

### W24257 [ TSOP 28 (8x14mm) ]

Manufacturer: Winbond

Required Adapter: [TSOP28\(8x14mm\)-DIP28](#)

Variants: W24257Q-70L, W24257Q-70LE, W24257Q-70LL

### W27C01 [ DIP 32 ]

Manufacturer: Winbond

Required Adapter: None

Variants: W27C01-70

### W27C01 [ PLCC 32 ]

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W27C01P-70

### W27C01 [ TSOP 32 (8x14mm) ]

Manufacturer: Winbond

Required Adapter: [TSOP32\(8x14mm\)-DIP32](#)

Variants: W27C01Q-70

### W27C010 [ DIP 32 ]

Manufacturer: Winbond

Required Adapter: None

Variants: W27C010-70

### W27C010 [ PLCC 32 ]

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W27C010P-70

### W27C010 [ TSOP 32 (8x14mm) ]

Manufacturer: Winbond

Required Adapter: [TSOP32\(8x14mm\)-DIP32](#)

Variants: W27C010Q-70

### W27C02 [ DIP 32 ]

Manufacturer: Winbond

Required Adapter: None

Variants: W27C02-70

### W27C02 [ PLCC 32 ]

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W27C02P-70

### W27C02 [ TSOP 32 (8x14mm) ]

Manufacturer: Winbond

Required Adapter: [TSOP32\(8x14mm\)-DIP32](#)

Variants: W27C02Q-70

### W27C020 [ DIP 32 ]

Manufacturer: Winbond

Required Adapter: None

Variants: W27C020-12, W27C020-70, W27C020-90

### W27C020 [ PLCC 32 ]

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W27C020P-12, W27C020P-70, W27C020P-90

### W27C040 [ DIP 32 ]

Manufacturer: Winbond

Required Adapter: None

Variants: W27C040-12, W27C040-70, W27C040-90

**W27C040 [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W27C040P-12, W27C040P-70, W27C040P-90

**W27C512 [ DIP 28 ]**

Manufacturer: Winbond

Required Adapter: None

Variants: W27C512-12, W27C512-45, W27C512-70, W27C512-90

**W27C512 [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP28](#)

Variants: W27C512P-12, W27C512P-45, W27C512P-70, W27C512P-90

**W27E01 [ DIP 32 ]**

Manufacturer: Winbond

Required Adapter: None

Variants: W27E01-70, W27E01-90

**W27E01 [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W27E01P-70, W27E01P-90

**W27E01 [ TSOP 32 (8x14mm) ]**

Manufacturer: Winbond

Required Adapter: [TSOP32\(8x14mm\)-DIP32](#)

Variants: W27E01Q-70, W27E01Q-90

**W27E020 [ DIP 32 ]**

Manufacturer: Winbond

Required Adapter: None

Variants: W27E020-12, W27E020-70, W27E020-90

**W27E020 [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W27E020P-12, W27E020P-70, W27E020P-90

**W27E040 [ DIP 32 ]**

Manufacturer: Winbond

Required Adapter: None

Variants: W27E040-12, W27E040-90

**W27E040 [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W27E040P-12, W27E040P-90

**W27E040 [ SOIC 32 (450mil) ]**

Manufacturer: Winbond

Required Adapter: [SOIC32\(450mil\)-DIP32](#)

Variants: W27E040S-12, W27E040S-90

**W27E040 [ TSOP 32 (8x14mm) ]**

Manufacturer: Winbond

Required Adapter: [TSOP32\(8x14mm\)-DIP32](#)

Variants: W27E040T-12, W27E040T-90

**W27E257 [ DIP 28 ]**

Manufacturer: Winbond

Required Adapter: None

Variants: W27E257-10, W27E257-12, W27E257-15

**W27E257 [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP28](#)

Variants: W27E257P-10, W27E257P-12, W27E257P-15



**W27E512 [ DIP 28 ]**

Manufacturer: Winbond

Required Adapter: None

Variants: W27E512-12, W27E512-15, W27E512-45, W27E512-55, W27E512-70, W27E512-90

**W27E512 [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP28](#)

Variants: W27E512P-12, W27E512P-15, W27E512P-45, W27E512P-55, W27E512P-70, W27E512P-90

**W27E512 [ TSOP 28 (8x14mm) ]**

Manufacturer: Winbond

Required Adapter: [TSOP28\(8x14mm\)-DIP28](#)

Variants: W27E512Q-12, W27E512Q-15, W27E512Q-45, W27E512Q-55, W27E512Q-70, W27E512Q-90

**W29C020C [ DIP 32 ]**

Manufacturer: Winbond

Required Adapter: None

Variants: W29C020C-12B, W29C020C-70B, W29C020C-90B, W29C020C12BN, W29C020C90BN

**W29C020C [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W29C020CP12B, W29C020CP12N, W29C020CP70B, W29C020CP90B, W29C020CP90N

**W29C020C [ TSOP 32 (8x20mm) ]**

Manufacturer: Winbond

Required Adapter: [TSOP32\(8x20mm\)-DIP32](#)

Variants: W29C020CT12B, W29C020CT12N, W29C020CT70B, W29C020CT90B, W29C020CT90N

**W29C040 [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W29C040P-12, W29C040P-12B, W29C040P-90, W29C040P-90B

**W29C040 [ TSOP 32 (8x20mm) ]**

Manufacturer: Winbond

Required Adapter: [TSOP32\(8x20mm\)-DIP32](#)

Variants: W29C040T-12, W29C040T-12B, W29C040T-90, W29C040T-90B

**W29C512A [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W29C512AP-90

**W29C512A [ TSOP 32 (8x20mm) ]**

Manufacturer: Winbond

Required Adapter: [TSOP32\(8x20mm\)-DIP32](#)

Variants: W29C512AT-90

**W29EE011 [ DIP 32 ]**

Manufacturer: Winbond

Required Adapter: None

Variants: W29EE011-15, W29EE011-15B, W29EE011-15N, W29EE011-90, W29EE011-90B, W29EE011-90N

**W29EE011 [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W29EE011P-15, W29EE011P-15B, W29EE011P-15N, W29EE011P-15Z, W29EE011P-90, W29EE011P-90B, W29EE011P-90N, W29EE011P-90Z

**W29EE011 [ TSOP 32 (8x14mm) ]**

Manufacturer: Winbond

Required Adapter: [TSOP32\(8x14mm\)-DIP32](#)

Variants: W29EE011Q-15, W29EE011Q-15B, W29EE011Q-90, W29EE011Q-90B

**W29EE011 [ TSOP 32 (8x20mm) ]**

Manufacturer: Winbond

Required Adapter: [TSOP32\(8x20mm\)-DIP32](#)

Variants: W29EE011T-15, W29EE011T-15B, W29EE011T-90, W29EE011T-90B

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### **W29EE512 [ PLCC 32 ]**

**Manufacturer:** Winbond

**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** W29EE512P-12, W29EE512P-12B, W29EE512P-70, W29EE512P-70B, W29EE512P-90, W29EE512P-90B

### **W29EE512 [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Winbond

**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** W29EE512T-12, W29EE512T-12B, W29EE512T-70, W29EE512T-70B, W29EE512T-90, W29EE512T-90B

### **W29EE512 [ VSOP 32 (8x14mm) ]**

**Manufacturer:** Winbond

**Required Adapter:** [VSOP32\(8x14mm\)-DIP32](#)

**Variants:** W29EE512Q-70, W29EE512Q-70B, W29EE512Q-90, W29EE512Q-90B

## Xicor

### X2816A [ DIP 24 ]

**Manufacturer:** Xicor

**Required Adapter:** None

**Variants:** X2816AD, X2816AD-25, X2816AD-35, X2816AD-45, X2816ADI, X2816ADI-25, X2816ADI-35, X2816ADI-45, X2816AP, X2816AP-25, X2816AP-35, X2816AP-45, X2816API, X2816API-25, X2816API-35, X2816API-45

### X2816C [ DIP 24 ]

**Manufacturer:** Xicor

**Required Adapter:** None

**Variants:** X2816CP-12, X2816CP-15, X2816CP-20, X2816CP-90, X2816CPI-12, X2816CPI-15, X2816CPI-20, X2816CPI-90

### X2816C [ PLCC 32 ]

**Manufacturer:** Xicor

**Required Adapter:** [PLCC32-DIP24](#)

**Variants:** X2816CE-12, X2816CE-15, X2816CE-20, X2816CE-90, X2816CEI-12, X2816CEI-15, X2816CEI-20, X2816CEI-90, X2816CJ-12, X2816CJ-15, X2816CJ-20, X2816CJ-90, X2816CJI-12, X2816CJI-15, X2816CJI-20, X2816CJI-90

### X2816C [ SOIC 24 (300mil) ]

**Manufacturer:** Xicor

**Required Adapter:** [SOIC24\(300mil\)-DIP24](#)

**Variants:** X2816CS-12, X2816CS-15, X2816CS-20, X2816CS-90, X2816CSI-12, X2816CSI-15, X2816CSI-20, X2816CSI-90

### X28256 [ DIP 28 ]

**Manufacturer:** Xicor

**Required Adapter:** None

**Variants:** X28256D, X28256D-20, X28256D-25, X28256D-35, X28256DI, X28256DI-20, X28256DI-25, X28256DI-35, X28256DM, X28256DM-20, X28256DM-25, X28256DM-35, X28256DMB, X28256DMB-20, X28256DMB-25, X28256DMB-35, X28256P, X28256P-20, X28256P-25, X28256P-35, X28256PI, X28256PI-20, X28256PI-25, X28256PI-35, X28256PM, X28256PM-20, X28256PM-25, X28256PM-35, X28256PMB, X28256PMB-20, X28256PMB-25, X28256PMB-35

### X28256 [ PLCC 32 ]

**Manufacturer:** Xicor

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** X28256E, X28256E-20, X28256E-25, X28256E-35, X28256EI, X28256EI-20, X28256EI-25, X28256EI-35, X28256EM, X28256EM-20, X28256EM-25, X28256EM-35, X28256EMB, X28256EMB-20, X28256EMB-25, X28256EMB-35, X28256J, X28256J-20, X28256J-25, X28256J-35, X28256JI, X28256JI-20, X28256JI-25, X28256JI-35, X28256JM, X28256JM-20, X28256JM-25, X28256JM-35, X28256JMB, X28256JMB-20, X28256JMB-25, X28256JMB-35

### X28256 [ SOIC 28 (300mil) ]

**Manufacturer:** Xicor

**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)

**Variants:** X28256S, X28256S-20, X28256S-25, X28256S-35, X28256SI, X28256SI-20, X28256SI-25, X28256SI-35, X28256SM, X28256SM-20, X28256SM-25, X28256SM-35, X28256SMB, X28256SMB-20, X28256SMB-25, X28256SMB-35

### X28256 [ TSOP 28 (8x14mm) ]

**Manufacturer:** Xicor

**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)

**Variants:** X28256T, X28256T-20, X28256T-25, X28256T-35, X28256TI, X28256TI-20, X28256TI-25, X28256TI-35, X28256TM, X28256TM-20, X28256TM-25, X28256TM-35, X28256TMB, X28256TMB-20, X28256TMB-25, X28256TMB-35

### X2864 [ DIP 28 ]

**Manufacturer:** Xicor

**Required Adapter:** None

**Variants:** X2864BD-18

### X2864 [ PLCC 32 ]

**Manufacturer:** Xicor

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** X2864JI-18

### X2864A [ DIP 28 ]

**Manufacturer:** Xicor

**Required Adapter:** None

**Variants:** X2864A-25, X2864A-35, X2864A-45, X2864AI, X2864AI-25, X2864AI-35, X2864AI-45

### X2864A [ PLCC 32 ]

**Manufacturer:** Xicor

**Required Adapter:** [PLCC32-DIP28](#)

**Variants:** X2864A-25, X2864A-35, X2864A-45, X2864AI, X2864AI-25, X2864AI-35, X2864AI-45

**X28C256 [ DIP 28 ]****Manufacturer:** Xicor**Required Adapter:** None**Variants:** X28C256D, X28C256D-20, X28C256D-25, X28C256D-35, X28C256DI, X28C256DI-20, X28C256DI-25, X28C256DI-35, X28C256DM, X28C256DM-20, X28C256DM-25, X28C256DM-35, X28C256DMB, X28C256DMB-20, X28C256DMB-25, X28C256DMB-35, X28C256P, X28C256P-20, X28C256P-25, X28C256P-35, X28C256PI, X28C256PI-20, X28C256PI-25, X28C256PI-35, X28C256PM, X28C256PM-20, X28C256PM-25, X28C256PM-35, X28C256PMB, X28C256PMB-20, X28C256PMB-25, X28C256PMB-35**X28C256 [ PLCC 32 ]****Manufacturer:** Xicor**Required Adapter:** [PLCC32-DIP28](#)**Variants:** X28C256E, X28C256E-20, X28C256E-25, X28C256E-35, X28C256EI, X28C256EI-20, X28C256EI-25, X28C256EI-35, X28C256EM, X28C256EM-20, X28C256EM-25, X28C256EM-35, X28C256EMB, X28C256EMB-20, X28C256EMB-25, X28C256EMB-35, X28C256J, X28C256J-20, X28C256J-25, X28C256J-35, X28C256JI, X28C256JI-20, X28C256JI-25, X28C256JI-35, X28C256JM, X28C256JM-20, X28C256JM-25, X28C256JM-35, X28C256JMB, X28C256JMB-20, X28C256JMB-25, X28C256JMB-35**X28C256 [ SOIC 28 (300mil) ]****Manufacturer:** Xicor**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** X28C256S, X28C256S-20, X28C256S-25, X28C256S-35, X28C256SI, X28C256SI-20, X28C256SI-25, X28C256SI-35, X28C256SM, X28C256SM-20, X28C256SM-25, X28C256SM-35, X28C256SMB, X28C256SMB-20, X28C256SMB-25, X28C256SMB-35**X28C512 [ DIP 32 ]****Manufacturer:** Xicor**Required Adapter:** None**Variants:** X28C512D-12, X28C512D-15, X28C512D-20, X28C512D-25, X28C512D-90, X28C512DI-12, X28C512DI-15, X28C512DI-20, X28C512DI-25, X28C512DI-90, X28C512DM-12, X28C512DM-15, X28C512DM-20, X28C512DM-25, X28C512DM-90, X28C512DMB-12, X28C512DMB-15, X28C512DMB-20, X28C512DMB-25, X28C512DMB-90, X28C512P-12, X28C512P-15, X28C512P-20, X28C512P-25, X28C512P-90, X28C512PI-12, X28C512PI-15, X28C512PI-20, X28C512PI-25, X28C512PI-90, X28C512PM-12, X28C512PM-15, X28C512PM-20, X28C512PM-25, X28C512PM-90, X28C512PMB-12, X28C512PMB-15, X28C512PMB-20, X28C512PMB-25, X28C512PMB-90**X28C512 [ SOIC 32 (450mil) ]****Manufacturer:** Xicor**Required Adapter:** [SOIC32\(450mil\)-DIP32](#)**Variants:** X28C512R-12, X28C512R-15, X28C512R-20, X28C512R-25, X28C512R-90, X28C512RI-12, X28C512RI-15, X28C512RI-20, X28C512RI-25, X28C512RI-90, X28C512RM-12, X28C512RM-15, X28C512RM-20, X28C512RM-25, X28C512RM-90, X28C512RMB-12, X28C512RMB-15, X28C512RMB-20, X28C512RMB-25, X28C512RMB-90**X28C64 [ DIP 28 ]****Manufacturer:** Xicor**Required Adapter:** None**Variants:** X28C64D, X28C64D-12, X28C64D-15, X28C64D-20, X28C64D-25, X28C64DI, X28C64DI-12, X28C64DI-15, X28C64DI-20, X28C64DI-25, X28C64DM, X28C64DM-15, X28C64DM-20, X28C64DM-25, X28C64DMB, X28C64DMB-15, X28C64DMB-20, X28C64DMB-25, X28C64P, X28C64P-15, X28C64P-20, X28C64P-25, X28C64PI, X28C64PI-15, X28C64PI-20, X28C64PI-25, X28C64PM, X28C64PM-15, X28C64PM-20, X28C64PM-25, X28C64PMB, X28C64PMB-15, X28C64PMB-20, X28C64PMB-25**X28C64 [ PLCC 32 ]****Manufacturer:** Xicor**Required Adapter:** [PLCC32-DIP28](#)**Variants:** X28C64J, X28C64J-15, X28C64J-20, X28C64J-25, X28C64JI, X28C64JI-15, X28C64JI-20, X28C64JI-25, X28C64JM, X28C64JM-15, X28C64JM-20, X28C64JM-25, X28C64JMB, X28C64JMB-15, X28C64JMB-20, X28C64JMB-25**X28C64 [ SOIC 28 (300mil) ]****Manufacturer:** Xicor**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** X28C64S, X28C64S-15, X28C64S-20, X28C64S-25, X28C64SI, X28C64SI-15, X28C64SI-20, X28C64SI-25, X28C64SM, X28C64SM-15, X28C64SM-20, X28C64SM-25, X28C64SMB, X28C64SMB-15, X28C64SMB-20, X28C64SMB-25**X28C64 [ TSOP 28 (8x14mm) ]****Manufacturer:** Xicor**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** X28C64T, X28C64T-15, X28C64T-20, X28C64T-25, X28C64TI, X28C64TI-15, X28C64TI-20, X28C64TI-25, X28C64TM, X28C64TM-15, X28C64TM-20, X28C64TM-25, X28C64TMB, X28C64TMB-15, X28C64TMB-20, X28C64TMB-25**X28HC256 [ DIP 28 ]****Manufacturer:** Xicor**Required Adapter:** None**Variants:** X28HC256D-12, X28HC256D-15, X28HC256D-70, X28HC256D-90, X28HC256DI-12, X28HC256DI-15, X28HC256DI-70, X28HC256DI-90, X28HC256DM-12, X28HC256DM-15, X28HC256DM-70, X28HC256DM-90, X28HC256DMB-12, X28HC256DMB-15, X28HC256DMB-70, X28HC256DMB-90, X28HC256P-12, X28HC256P-15, X28HC256P-70, X28HC256P-90, X28HC256PI-12, X28HC256PI-15, X28HC256PI-70, X28HC256PI-90, X28HC256PM-12, X28HC256PM-15, X28HC256PM-70, X28HC256PM-90, X28HC256PMB-12, X28HC256PMB-15, X28HC256PMB-70, X28HC256PMB-90

**X28HC256 [ PLCC 32 ]****Manufacturer:** Xicor**Required Adapter:** [PLCC32-DIP28](#)**Variants:** X28HC256J-12, X28HC256J-15, X28HC256J-70, X28HC256J-90, X28HC256JI-12, X28HC256JI-15, X28HC256JI-70, X28HC256JI-90, X28HC256JM-12, X28HC256JM-15, X28HC256JM-70, X28HC256JM-90, X28HC256JMB-12, X28HC256JMB-15, X28HC256JMB-70, X28HC256JMB-90**X28HC256 [ SOIC 28 (300mil) ]****Manufacturer:** Xicor**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** X28HC256S-12, X28HC256S-15, X28HC256S-70, X28HC256S-90, X28HC256SI-12, X28HC256SI-15, X28HC256SI-70, X28HC256SI-90, X28HC256SM-12, X28HC256SM-15, X28HC256SM-70, X28HC256SM-90, X28HC256SMB-12, X28HC256SMB-15, X28HC256SMB-70, X28HC256SMB-90**X28HC256 [ TSOP 28 (8x14mm) ]****Manufacturer:** Xicor**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** X28HC256T-12, X28HC256T-15, X28HC256T-70, X28HC256T-90, X28HC256TI-12, X28HC256TI-15, X28HC256TI-70, X28HC256TI-90, X28HC256TM-12, X28HC256TM-15, X28HC256TM-70, X28HC256TM-90, X28HC256TMB-12, X28HC256TMB-15, X28HC256TMB-70, X28HC256TMB-90**X28HC64 [ DIP 28 ]****Manufacturer:** Xicor**Required Adapter:** None**Variants:** X28HC64D-12, X28HC64D-55, X28HC64D-70, X28HC64D-90, X28HC64DI-12, X28HC64DI-55, X28HC64DI-70, X28HC64DI-90, X28HC64DM-12, X28HC64DM-55, X28HC64DM-70, X28HC64DM-90, X28HC64DMB-12, X28HC64DMB-55, X28HC64DMB-70, X28HC64DMB-90, X28HC64P-12, X28HC64P-55, X28HC64P-70, X28HC64P-90, X28HC64PI-12, X28HC64PI-55, X28HC64PI-70, X28HC64PI-90, X28HC64PM-12, X28HC64PM-55, X28HC64PM-70, X28HC64PM-90, X28HC64PMB-12, X28HC64PMB-55, X28HC64PMB-70, X28HC64PMB-90**X28HC64 [ PLCC 32 ]****Manufacturer:** Xicor**Required Adapter:** [PLCC32-DIP28](#)**Variants:** X28HC64J-12, X28HC64J-55, X28HC64J-70, X28HC64J-90, X28HC64JI-12, X28HC64JI-55, X28HC64JI-70, X28HC64JI-90, X28HC64JM-12, X28HC64JM-55, X28HC64JM-70, X28HC64JM-90, X28HC64JMB-12, X28HC64JMB-55, X28HC64JMB-70, X28HC64JMB-90**X28HC64 [ SOIC 28 (300mil) ]****Manufacturer:** Xicor**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** X28HC64S-12, X28HC64S-55, X28HC64S-70, X28HC64S-90, X28HC64SI-12, X28HC64SI-55, X28HC64SI-70, X28HC64SI-90, X28HC64SM-12, X28HC64SM-55, X28HC64SM-70, X28HC64SM-90, X28HC64SMB-12, X28HC64SMB-55, X28HC64SMB-70, X28HC64SMB-90**X28HC64 [ TSOP 28 (8x14mm) ]****Manufacturer:** Xicor**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)**Variants:** X28HC64T-12, X28HC64T-55, X28HC64T-70, X28HC64T-90, X28HC64TI-12, X28HC64TI-55, X28HC64TI-70, X28HC64TI-90, X28HC64TM-12, X28HC64TM-55, X28HC64TM-70, X28HC64TM-90, X28HC64TMB-12, X28HC64TMB-55, X28HC64TMB-70, X28HC64TMB-90**X28HC64(page programming) [ DIP 28 ]****Manufacturer:** Xicor**Required Adapter:** None**Variants:** X28HC64D-12, X28HC64D-55, X28HC64D-70, X28HC64D-90, X28HC64DI-12, X28HC64DI-55, X28HC64DI-70, X28HC64DI-90, X28HC64DM-12, X28HC64DM-55, X28HC64DM-70, X28HC64DM-90, X28HC64DMB-12, X28HC64DMB-55, X28HC64DMB-70, X28HC64DMB-90, X28HC64P-12, X28HC64P-55, X28HC64P-70, X28HC64P-90, X28HC64PI-12, X28HC64PI-55, X28HC64PI-70, X28HC64PI-90, X28HC64PM-12, X28HC64PM-55, X28HC64PM-70, X28HC64PM-90, X28HC64PMB-12, X28HC64PMB-55, X28HC64PMB-70, X28HC64PMB-90**X28HC64(page programming) [ PLCC 32 ]****Manufacturer:** Xicor**Required Adapter:** [PLCC32-DIP28](#)**Variants:** X28HC64J-12, X28HC64J-55, X28HC64J-70, X28HC64J-90, X28HC64JI-12, X28HC64JI-55, X28HC64JI-70, X28HC64JI-90, X28HC64JM-12, X28HC64JM-55, X28HC64JM-70, X28HC64JM-90, X28HC64JMB-12, X28HC64JMB-55, X28HC64JMB-70, X28HC64JMB-90**X28HC64(page programming) [ SOIC 28 (300mil) ]****Manufacturer:** Xicor**Required Adapter:** [SOIC28\(300mil\)-DIP28](#)**Variants:** X28HC64S-12, X28HC64S-55, X28HC64S-70, X28HC64S-90, X28HC64SI-12, X28HC64SI-55, X28HC64SI-70, X28HC64SI-90, X28HC64SM-12, X28HC64SM-55, X28HC64SM-70, X28HC64SM-90, X28HC64SMB-12, X28HC64SMB-55, X28HC64SMB-70, X28HC64SMB-90

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## **X28HC64(page programming) [ TSOP 28 (8x14mm) ]**

**Manufacturer:** Xicor

**Required Adapter:** [TSOP28\(8x14mm\)-DIP28](#)

**Variants:** X28HC64T-12, X28HC64T-55, X28HC64T-70, X28HC64T-90, X28HC64TI-12, X28HC64TI-55, X28HC64TI-70, X28HC64TI-90, X28HC64TM-12, X28HC64TM-55, X28HC64TM-70, X28HC64TM-90, X28HC64TMB-12, X28HC64TMB-55, X28HC64TMB-70, X28HC64TMB-90