

# Device List for USB Chip Programmer I

**Revision Date:** April 27, 2018

**No. of supported Manufacturers:** 39

**No. of supported Device Variants:** 9.189

## Introduction

This document contains a list of the currently supported chip device variants for the Batronix programmer USB Chip Programmer 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 USB Chip Programmer 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

### 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, AM27C080-170DC, 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, AM27C080-205PI, AM27C080-250DC, AM27C080-250DCB, 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

**AM27C1024 [ DIP 40 ]****Manufacturer:** AMD**Required Adapter:** None

**Variants:** AM27C1024-120DC, AM27C1024-120DCB, AM27C1024-120DE, AM27C1024-120DEB, AM27C1024-120DI, AM27C1024-120DIB, AM27C1024-120PC, AM27C1024-120PI, AM27C1024-150DC, AM27C1024-150DCB, AM27C1024-150DE, AM27C1024-150DEB, AM27C1024-150DI, AM27C1024-150DIB, AM27C1024-150PC, AM27C1024-150PI, AM27C1024-200DC, AM27C1024-200DCB, AM27C1024-200DE, AM27C1024-200DEB, AM27C1024-200DI, AM27C1024-200DIB, AM27C1024-200PC, AM27C1024-200PI, AM27C1024-255DC, AM27C1024-255DCB, AM27C1024-255DI, AM27C1024-255DIB, AM27C1024-255PC, AM27C1024-255PI, AM27C1024-55DC, AM27C1024-55DC5, AM27C1024-55DCB, AM27C1024-55DCB5, AM27C1024-55DI, AM27C1024-55DI5, AM27C1024-55DIB, AM27C1024-55DIB5, AM27C1024-55PC, AM27C1024-55PC5, AM27C1024-55PI, AM27C1024-55PI5, AM27C1024-70DC, AM27C1024-70DCB, AM27C1024-70DI, AM27C1024-70DIB, AM27C1024-70PC, AM27C1024-70PI, AM27C1024-90DC, AM27C1024-90DCB, AM27C1024-90DI, AM27C1024-90DIB, AM27C1024-90PC, AM27C1024-90PI

**AM27C1024 [ PLCC 44 ]****Manufacturer:** AMD**Required Adapter:** [PLCC44-DIP40](#)

**Variants:** AM27C1024-120JC, AM27C1024-120JI, AM27C1024-150JC, AM27C1024-150JI, AM27C1024-200JC, AM27C1024-200JI, AM27C1024-255JC, AM27C1024-255JI, AM27C1024-55JC, AM27C1024-55JC5, AM27C1024-55JI, AM27C1024-55JI5, AM27C1024-70JC, AM27C1024-70JI, AM27C1024-90JC, AM27C1024-90JI

**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

**AM27C2048 [ DIP 40 ]****Manufacturer:** AMD**Required Adapter:** None

**Variants:** AM27C2048-120DC, AM27C2048-120DCB, AM27C2048-120DE, AM27C2048-120DEB, AM27C2048-120DI, AM27C2048-120DIB, AM27C2048-120PC, AM27C2048-120PI, AM27C2048-150DC, AM27C2048-150DCB, AM27C2048-150DE, AM27C2048-150DEB, AM27C2048-150DI, AM27C2048-150DIB, AM27C2048-150PC, AM27C2048-150PI, AM27C2048-200DC, AM27C2048-200DCB, AM27C2048-200DE, AM27C2048-200DEB, AM27C2048-200DI, AM27C2048-200DIB, AM27C2048-200PC, AM27C2048-200PI, AM27C2048-255DC, AM27C2048-255DCB, AM27C2048-255DI, AM27C2048-255DIB, AM27C2048-255PC, AM27C2048-255PI, AM27C2048-55DC, AM27C2048-55DC5, AM27C2048-55DC5B, AM27C2048-55DCB, AM27C2048-55DI, AM27C2048-55DI5, AM27C2048-55DI5B, AM27C2048-55DIB, AM27C2048-55PC, AM27C2048-55PC5, AM27C2048-55PI, AM27C2048-55PI5, AM27C2048-70DC, AM27C2048-70DCB, AM27C2048-70DI, AM27C2048-70DIB, AM27C2048-70PC, AM27C2048-70PI, AM27C2048-90DC, AM27C2048-90DCB, AM27C2048-90DI, AM27C2048-90DIB, AM27C2048-90PC, AM27C2048-90PI

**AM27C2048 [ PLCC 44 ]****Manufacturer:** AMD**Required Adapter:** [PLCC44-DIP40](#)**Variants:** AM27C2048-120JC, AM27C2048-120JI, AM27C2048-150JC, AM27C2048-150JI, AM27C2048-200JC, AM27C2048-200JI, AM27C2048-255JC, AM27C2048-255JI, AM27C2048-55JC, AM27C2048-55JC5, AM27C2048-55JI, AM27C2048-55JI5, AM27C2048-70JC, AM27C2048-70JI, AM27C2048-90JC, AM27C2048-90JI**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, AM27C256-70DC, 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**AM27LV010 [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM27LV010-120DC, AM27LV010-120DCB, AM27LV010-150DC, AM27LV010-150DCB, AM27LV010-150DE, AM27LV010-150DEB, AM27LV010-150DI, AM27LV010-150DIB, AM27LV010-200DC, AM27LV010-200DCB, AM27LV010-200DE, AM27LV010-200DEB, AM27LV010-200DI, AM27LV010-200DIB, AM27LV010-250DC, AM27LV010-250DCB, AM27LV010-250DE, AM27LV010-250DEB, AM27LV010-250DI, AM27LV010-250DIB, AM27LV010-300DC, AM27LV010-300DCB, AM27LV010-300DE, AM27LV010-300DEB, AM27LV010-300DI, AM27LV010-300DIB**AM27LV010 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM27LV010-120LC, AM27LV010-120LCB, AM27LV010-150JC, AM27LV010-150JI, AM27LV010-150LC, AM27LV010-150LE, AM27LV010-150LEB, AM27LV010-150LI, AM27LV010-200JC, AM27LV010-200JI, AM27LV010-200LC, AM27LV010-200LE, AM27LV010-200LEB, AM27LV010-200LI, AM27LV010-250JC, AM27LV010-250JI, AM27LV010-250LC, AM27LV010-250LE, AM27LV010-250LEB, AM27LV010-250LI, AM27LV010-300JC, AM27LV010-300JI, AM27LV010-300LC, AM27LV010-300LE, AM27LV010-300LEB, AM27LV010-300LI**AM27LV010 [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM27LV010-150EC, AM27LV010-150EI, AM27LV010-200EC, AM27LV010-200EI, AM27LV010-250EC, AM27LV010-250EI, AM27LV010-300EC, AM27LV010-300EI**AM27LV010B [ DIP 32 ]****Manufacturer:** AMD**Required Adapter:** None**Variants:** AM27LV010B-150DC, AM27LV010B-150DCB, AM27LV010B-150DE, AM27LV010B-150DEB, AM27LV010B-150DI, AM27LV010B-150DIB, AM27LV010B-200DC, AM27LV010B-200DCB, AM27LV010B-200DE, AM27LV010B-200DEB, AM27LV010B-200DI, AM27LV010B-200DIB, AM27LV010B-250DC, AM27LV010B-250DCB, AM27LV010B-250DE, AM27LV010B-250DEB, AM27LV010B-250DI, AM27LV010B-250DIB, AM27LV010B-300DC, AM27LV010B-300DCB, AM27LV010B-300DE, AM27LV010B-300DEB, AM27LV010B-300DI, AM27LV010B-300DIB**AM27LV010B [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM27LV010B-150LC, AM27LV010B-150LE, AM27LV010B-150LEB, AM27LV010B-150LI, AM27LV010B-200JC, AM27LV010B-200JI, AM27LV010B-200LC, AM27LV010B-200LE, AM27LV010B-200LEB, AM27LV010B-200LI, AM27LV010B-250JC, AM27LV010B-250JI, AM27LV010B-250LC, AM27LV010B-250LE, AM27LV010B-250LEB, AM27LV010B-250LI, AM27LV010B-300JC, AM27LV010B-300JI, AM27LV010B-300LC, AM27LV010B-300LE, AM27LV010B-300LEB, AM27LV010B-300LI**AM27LV010B [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM27LV010B-200EC, AM27LV010B-200EI, AM27LV010B-250EC, AM27LV010B-250EI, AM27LV010B-300EC, AM27LV010B-300EI

**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**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**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, AM29F010-55JC, AM29F010-55JCI, 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, AM29F010-55EC, AM29F010-55EI, 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-120PD, AM29F010B-120PE, AM29F010B-120PF, AM29F010B-120PI, AM29F010B-120PK, AM29F010B-45PC, AM29F010B-45PD, AM29F010B-45PE, AM29F010B-45PF, AM29F010B-45PI, AM29F010B-45PK, AM29F010B-55PC, AM29F010B-55PD, AM29F010B-55PE, AM29F010B-55PF, AM29F010B-55PI, AM29F010B-55PK, AM29F010B-70PC, AM29F010B-70PD, AM29F010B-70PE, AM29F010B-70PF, AM29F010B-70PI, AM29F010B-70PK, AM29F010B-90PC, AM29F010B-90PD, AM29F010B-90PE, AM29F010B-90PF, AM29F010B-90PI, AM29F010B-90PK**AM29F010B (no un/protect) [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM29F010B-120JC, AM29F010B-120JD, AM29F010B-120JE, AM29F010B-120JF, AM29F010B-120JI, AM29F010B-120JK, AM29F010B-45JC, AM29F010B-45JD, AM29F010B-45JE, AM29F010B-45JF, AM29F010B-45JI, AM29F010B-45JK, AM29F010B-55JC, AM29F010B-55JD, AM29F010B-55JE, AM29F010B-55JF, AM29F010B-55JI, AM29F010B-55JK, AM29F010B-70JC, AM29F010B-70JD, AM29F010B-70JE, AM29F010B-70JF, AM29F010B-70JI, AM29F010B-70JK, AM29F010B-90JC, AM29F010B-90JD, AM29F010B-90JE, AM29F010B-90JF, AM29F010B-90JI, AM29F010B-90JK**AM29F010B (no un/protect) [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM29F010B-120EC, AM29F010B-120ED, AM29F010B-120EE, AM29F010B-120EF, AM29F010B-120EI, AM29F010B-120EK, AM29F010B-45EC, AM29F010B-45ED, AM29F010B-45EE, AM29F010B-45EF, AM29F010B-45EI, AM29F010B-45EK, AM29F010B-55EC, AM29F010B-55ED, AM29F010B-55EE, AM29F010B-55EF, AM29F010B-55EI, AM29F010B-55EK, AM29F010B-70EC, AM29F010B-70ED, AM29F010B-70EE, AM29F010B-70EF, AM29F010B-70EI, AM29F010B-70EK, AM29F010B-90EC, AM29F010B-90ED, AM29F010B-90EE, AM29F010B-90EF, AM29F010B-90EI, AM29F010B-90EK

**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**AM29F100B [ SOP 44 ]****Manufacturer:** AMD**Required Adapter:** [SOP44-DIP40-UCP](#)**Variants:** AM29F100B-120SC, AM29F100B-120SE, AM29F100B-120SI, AM29F100B-150SC, AM29F100B-150SE, AM29F100B-150SI, AM29F100B-70SC, AM29F100B-70SE, AM29F100B-70SI, AM29F100B-90SC, AM29F100B-90SE, AM29F100B-90SI**AM29F100B [ TSOP 48 (12x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)**Variants:** AM29F100B-120EC, AM29F100B-120EE, AM29F100B-120EI, AM29F100B-150EC, AM29F100B-150EE, AM29F100B-150EI, AM29F100B-70EC, AM29F100B-70EE, AM29F100B-70EI, AM29F100B-90EC, AM29F100B-90EE, AM29F100B-90EI**AM29F100T [ SOP 44 ]****Manufacturer:** AMD**Required Adapter:** [SOP44-DIP40-UCP](#)**Variants:** AM29F100T-120SC, AM29F100T-120SE, AM29F100T-120SI, AM29F100T-150SC, AM29F100T-150SE, AM29F100T-150SI, AM29F100T-70SC, AM29F100T-70SE, AM29F100T-70SI, AM29F100T-90SC, AM29F100T-90SE, AM29F100T-90SI



**AM29F100T [ TSOP 48 (12x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)**Variants:** AM29F100T-120EC, AM29F100T-120EE, AM29F100T-120EI, AM29F100T-150EC, AM29F100T-150EE, AM29F100T-150EI, AM29F100T-70EC, AM29F100T-70EE, AM29F100T-70EI, AM29F100T-90EC, AM29F100T-90EE, AM29F100T-90EI**AM29F200AB [ SOP 44 ]****Manufacturer:** AMD**Required Adapter:** [SOP44-DIP40-UCP](#)**Variants:** AM29F200AB-120SC, AM29F200AB-120SE, AM29F200AB-120SI, AM29F200AB-150SC, AM29F200AB-150SE, AM29F200AB-150SI, AM29F200AB-55SC, AM29F200AB-55SE, AM29F200AB-55SI, AM29F200AB-70SC, AM29F200AB-70SE, AM29F200AB-70SI, AM29F200AB-90SC, AM29F200AB-90SE, AM29F200AB-90SI**AM29F200AB [ TSOP 48 (12x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)**Variants:** AM29F200AB-120EC, AM29F200AB-120EE, AM29F200AB-120EI, AM29F200AB-150EC, AM29F200AB-150EE, AM29F200AB-150EI, AM29F200AB-55EC, AM29F200AB-55EE, AM29F200AB-55EI, AM29F200AB-70EC, AM29F200AB-70EE, AM29F200AB-70EI, AM29F200AB-90EC, AM29F200AB-90EE, AM29F200AB-90EI**AM29F200AT [ SOP 44 ]****Manufacturer:** AMD**Required Adapter:** [SOP44-DIP40-UCP](#)**Variants:** AM29F200AT-120SC, AM29F200AT-120SE, AM29F200AT-120SI, AM29F200AT-150SC, AM29F200AT-150SE, AM29F200AT-150SI, AM29F200AT-55SC, AM29F200AT-55SE, AM29F200AT-55SI, AM29F200AT-70SC, AM29F200AT-70SE, AM29F200AT-70SI, AM29F200AT-90SC, AM29F200AT-90SE, AM29F200AT-90SI**AM29F200AT [ TSOP 48 (12x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)**Variants:** AM29F200AT-120EC, AM29F200AT-120EE, AM29F200AT-120EI, AM29F200AT-150EC, AM29F200AT-150EE, AM29F200AT-150EI, AM29F200AT-55EC, AM29F200AT-55EE, AM29F200AT-55EI, AM29F200AT-70EC, AM29F200AT-70EE, AM29F200AT-70EI, AM29F200AT-90EC, AM29F200AT-90EE, AM29F200AT-90EI**AM29F200BB [ SOP 44 ]****Manufacturer:** AMD**Required Adapter:** [SOP44-DIP40-UCP](#)**Variants:** AM29F200BB-120SC, AM29F200BB-120SE, AM29F200BB-120SI, AM29F200BB-45SC, AM29F200BB-45SI, AM29F200BB-50SC, AM29F200BB-50SE, AM29F200BB-50SI, AM29F200BB-55SC, AM29F200BB-55SE, AM29F200BB-55SI, AM29F200BB-70SC, AM29F200BB-70SE, AM29F200BB-70SI, AM29F200BB-90SC, AM29F200BB-90SE, AM29F200BB-90SI**AM29F200BB [ TSOP 48 (12x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)**Variants:** AM29F200BB-120EC, AM29F200BB-120EE, AM29F200BB-120EI, AM29F200BB-45EC, AM29F200BB-45EI, AM29F200BB-50EC, AM29F200BB-50EE, AM29F200BB-50EI, AM29F200BB-55EC, AM29F200BB-55EE, AM29F200BB-55EI, AM29F200BB-70EC, AM29F200BB-70EE, AM29F200BB-70EI, AM29F200BB-90EC, AM29F200BB-90EE, AM29F200BB-90EI**AM29F200BT [ SOP 44 ]****Manufacturer:** AMD**Required Adapter:** [SOP44-DIP40-UCP](#)**Variants:** AM29F200BT-120SC, AM29F200BT-120SE, AM29F200BT-120SI, AM29F200BT-45SC, AM29F200BT-45SI, AM29F200BT-50SC, AM29F200BT-50SE, AM29F200BT-50SI, AM29F200BT-55SC, AM29F200BT-55SE, AM29F200BT-55SI, AM29F200BT-70SC, AM29F200BT-70SE, AM29F200BT-70SI, AM29F200BT-90SC, AM29F200BT-90SE, AM29F200BT-90SI**AM29F200BT [ TSOP 48 (12x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)**Variants:** AM29F200BT-120EC, AM29F200BT-120EE, AM29F200BT-120EI, AM29F200BT-45EC, AM29F200BT-45EI, AM29F200BT-50EC, AM29F200BT-50EE, AM29F200BT-50EI, AM29F200BT-55EC, AM29F200BT-55EE, AM29F200BT-55EI, AM29F200BT-70EC, AM29F200BT-70EE, AM29F200BT-70EI, AM29F200BT-90EC, AM29F200BT-90EE, AM29F200BT-90EI**AM29F400BB [ SOP 44 ]****Manufacturer:** AMD**Required Adapter:** [SOP44-DIP40-UCP](#)**Variants:** AM29F400BB-120SE, AM29F400BB-120SE0, AM29F400BB-120SF, AM29F400BB-120SF0, AM29F400BB-120SI, AM29F400BB-120SI0, AM29F400BB-120SK, AM29F400BB-120SK0, AM29F400BB-45SE, AM29F400BB-45SE0, AM29F400BB-45SF, AM29F400BB-45SF0, AM29F400BB-45SI, AM29F400BB-45SI0, AM29F400BB-45SK, AM29F400BB-45SK0, AM29F400BB-50SE, AM29F400BB-50SE0, AM29F400BB-50SF, AM29F400BB-50SF0, AM29F400BB-50SI, AM29F400BB-50SI0, AM29F400BB-50SK, AM29F400BB-50SK0, AM29F400BB-55SE, AM29F400BB-55SE0, AM29F400BB-55SF, AM29F400BB-55SF0, AM29F400BB-55SI, AM29F400BB-55SI0, AM29F400BB-55SK, AM29F400BB-55SK0, AM29F400BB-70SE, AM29F400BB-70SE0, AM29F400BB-70SF, AM29F400BB-70SF0, AM29F400BB-70SI, AM29F400BB-70SI0, AM29F400BB-70SK, AM29F400BB-70SK0, AM29F400BB-90SE, AM29F400BB-90SE0, AM29F400BB-90SF, AM29F400BB-90SF0, AM29F400BB-90SI, AM29F400BB-90SI0, AM29F400BB-90SK, AM29F400BB-90SK0

**AM29F400BB [ TSOP 48 (12x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** AM29F400BB-120EE, AM29F400BB-120EE0, AM29F400BB-120EF, AM29F400BB-120EF0, AM29F400BB-120EI, AM29F400BB-120EI0, AM29F400BB-120EK, AM29F400BB-120EK0, AM29F400BB-45EE, AM29F400BB-45EE0, AM29F400BB-45EF, AM29F400BB-45EF0, AM29F400BB-45EI, AM29F400BB-45EI0, AM29F400BB-45EK, AM29F400BB-45EK0, AM29F400BB-50EE, AM29F400BB-50EE0, AM29F400BB-50EF, AM29F400BB-50EF0, AM29F400BB-50EI, AM29F400BB-50EI0, AM29F400BB-50EK, AM29F400BB-50EK0, AM29F400BB-55EE, AM29F400BB-55EE0, AM29F400BB-55EF, AM29F400BB-55EF0, AM29F400BB-55EI, AM29F400BB-55EI0, AM29F400BB-55EK, AM29F400BB-55EK0, AM29F400BB-70EE, AM29F400BB-70EE0, AM29F400BB-70EF, AM29F400BB-70EF0, AM29F400BB-70EI, AM29F400BB-70EI0, AM29F400BB-70EK, AM29F400BB-70EK0, AM29F400BB-90EE, AM29F400BB-90EE0, AM29F400BB-90EF, AM29F400BB-90EF0, AM29F400BB-90EI, AM29F400BB-90EI0, AM29F400BB-90EK, AM29F400BB-90EK0

**AM29F400BT [ SOP 44 ]****Manufacturer:** AMD**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** AM29F400BT-120SC, AM29F400BT-120SE, AM29F400BT-120SI, AM29F400BT-150SC, AM29F400BT-150SE, AM29F400BT-150SI, AM29F400BT-45SC, AM29F400BT-45SI, AM29F400BT-50SC, AM29F400BT-50SE, AM29F400BT-50SI, AM29F400BT-55SC, AM29F400BT-55SC0, AM29F400BT-55SE, AM29F400BT-55SE0, AM29F400BT-55SI, AM29F400BT-55SI0, AM29F400BT-70SC, AM29F400BT-70SE, AM29F400BT-70SI, AM29F400BT-90SC, AM29F400BT-90SE, AM29F400BT-90SI

**AM29F400BT [ TSOP 48 (12x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** AM29F400BT-120EC, AM29F400BT-120EE, AM29F400BT-120EI, AM29F400BT-150EC, AM29F400BT-150EE, AM29F400BT-150EI, AM29F400BT-45EC, AM29F400BT-45EI, AM29F400BT-50EC, AM29F400BT-50EE, AM29F400BT-50EI, AM29F400BT-55EC, AM29F400BT-55EC0, AM29F400BT-55EE, AM29F400BT-55EE0, AM29F400BT-55EI, AM29F400BT-55EI0, AM29F400BT-70EC, AM29F400BT-70EE, AM29F400BT-70EI, AM29F400BT-90EC, AM29F400BT-90EE, AM29F400BT-90EI

**AM29F800BB [ SOP 44 ]****Manufacturer:** AMD**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** AM29F800BB-120SC, AM29F800BB-120SE, AM29F800BB-120SI, AM29F800BB-150SC, AM29F800BB-150SE, AM29F800BB-150SI, AM29F800BB-55SC, AM29F800BB-55SE, AM29F800BB-55SI, AM29F800BB-70SC, AM29F800BB-70SE, AM29F800BB-70SI, AM29F800BB-90SC, AM29F800BB-90SE, AM29F800BB-90SI

**AM29F800BB [ TSOP 48 (12x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** AM29F800BB-120EC, AM29F800BB-120EE, AM29F800BB-120EI, AM29F800BB-150EC, AM29F800BB-150EE, AM29F800BB-150EI, AM29F800BB-55EC, AM29F800BB-55EE, AM29F800BB-55EI, AM29F800BB-70EC, AM29F800BB-70EE, AM29F800BB-70EI, AM29F800BB-90EC, AM29F800BB-90EE, AM29F800BB-90EI

**AM29F800BT (8Bit) [ DIP 44 ]****Manufacturer:** AMD**Required Adapter:** None

**Variants:** AM29F800BT-120SC, AM29F800BT-120SE, AM29F800BT-120SI, AM29F800BT-150SC, AM29F800BT-150SE, AM29F800BT-150SI, AM29F800BT-55SC, AM29F800BT-55SE, AM29F800BT-55SI, AM29F800BT-70SC, AM29F800BT-70SE, AM29F800BT-70SI, AM29F800BT-90SC, AM29F800BT-90SE, AM29F800BT-90SI

**AM29F800BT (8Bit) [ SOP 44 ]****Manufacturer:** AMD**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** AM29F800BT-120SC, AM29F800BT-120SE, AM29F800BT-120SI, AM29F800BT-150SC, AM29F800BT-150SE, AM29F800BT-150SI, AM29F800BT-55SC, AM29F800BT-55SE, AM29F800BT-55SI, AM29F800BT-70SC, AM29F800BT-70SE, AM29F800BT-70SI, AM29F800BT-90SC, AM29F800BT-90SE, AM29F800BT-90SI

**AM29F800BT (8Bit) [ TSOP 48 (12x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** AM29F800BT-120EC, AM29F800BT-120EE, AM29F800BT-120EI, AM29F800BT-150EC, AM29F800BT-150EE, AM29F800BT-150EI, AM29F800BT-55EC, AM29F800BT-55EE, AM29F800BT-55EI, AM29F800BT-70EC, AM29F800BT-70EE, AM29F800BT-70EI, AM29F800BT-90EC, AM29F800BT-90EE, AM29F800BT-90EI

**AM29LV010 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)

**Variants:** AM29LV010-45RJC, AM29LV010-55JC, AM29LV010-55JE, AM29LV010-55JI, AM29LV010-70JC, AM29LV010-70JE, AM29LV010-70JI, AM29LV010-90JC, AM29LV010-90JE, AM29LV010-90JI

**AM29LV010 [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)

**Variants:** AM29LV010-45REC, AM29LV010-55EC, AM29LV010-55EE, AM29LV010-55EI, AM29LV010-70EC, AM29LV010-70EE, AM29LV010-70EI, AM29LV010-90EC, AM29LV010-90EE, AM29LV010-90EI

**AM29LV020 [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM29LV020-120JC, AM29LV020-120JE, AM29LV020-120JI, AM29LV020-20JC, AM29LV020-20JI, AM29LV020-25JC, AM29LV020-25JI, AM29LV020-55JC, AM29LV020-55JI, AM29LV020-70JC, AM29LV020-70JE, AM29LV020-70JI, AM29LV020-90JC, AM29LV020-90JE, AM29LV020-90JI**AM29LV020 [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM29LV020-120EC, AM29LV020-120EE, AM29LV020-120EI, AM29LV020-20TC, AM29LV020-20TI, AM29LV020-25TC, AM29LV020-25TI, AM29LV020-55EC, AM29LV020-55EI, AM29LV020-70EC, AM29LV020-70EE, AM29LV020-70EI, AM29LV020-90EC, AM29LV020-90EE, AM29LV020-90EI**AM29LV040B [ PLCC 32 ]****Manufacturer:** AMD**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AM29LV040B-120JC, AM29LV040B-120JE, AM29LV040B-120JI, AM29LV040B-60JC, AM29LV040B-60JI, AM29LV040B-70JC, AM29LV040B-70JE, AM29LV040B-70JI, AM29LV040B-90JC, AM29LV040B-90JE, AM29LV040B-90JI**AM29LV040B [ TSOP 32 (8x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AM29LV040B-120EC, AM29LV040B-120EE, AM29LV040B-120EI, AM29LV040B-60EC, AM29LV040B-60EI, AM29LV040B-70EC, AM29LV040B-70EE, AM29LV040B-70EI, AM29LV040B-90EC, AM29LV040B-90EE, AM29LV040B-90EI**AM29LV200BB [ SOP 44 ]****Manufacturer:** AMD**Required Adapter:** [SOP44-DIP40-UCP](#)**Variants:** AM29LV200BB-100SC, AM29LV200BB-100SI, AM29LV200BB-120SC, AM29LV200BB-120SI, AM29LV200BB-150SC, AM29LV200BB-150SI, AM29LV200BB-90RSC, AM29LV200BB-90RSI**AM29LV200BB [ TSOP 48 (12x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)**Variants:** AM29LV200BB-100EC, AM29LV200BB-100EI, AM29LV200BB-120EC, AM29LV200BB-120EI, AM29LV200BB-150EC, AM29LV200BB-150EI, AM29LV200BB-90REC, AM29LV200BB-90REI**AM29LV200BT [ SOP 44 ]****Manufacturer:** AMD**Required Adapter:** [SOP44-DIP40-UCP](#)**Variants:** AM29LV200BT-100SC, AM29LV200BT-100SI, AM29LV200BT-120SC, AM29LV200BT-120SI, AM29LV200BT-150SC, AM29LV200BT-150SI, AM29LV200BT-90RSC, AM29LV200BT-90RSI**AM29LV200BT [ TSOP 48 (12x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)**Variants:** AM29LV200BT-100EC, AM29LV200BT-100EI, AM29LV200BT-120EC, AM29LV200BT-120EI, AM29LV200BT-150EC, AM29LV200BT-150EI, AM29LV200BT-90REC, AM29LV200BT-90REI**AM29LV400BB [ SOP 44 ]****Manufacturer:** AMD**Required Adapter:** [SOP44-DIP40-UCP](#)**Variants:** AM29LV400BB120SC, AM29LV400BB120SE, AM29LV400BB120SI, AM29LV400BB70RSC, AM29LV400BB70RSI, AM29LV400BB80SC, AM29LV400BB80SE, AM29LV400BB80SI, AM29LV400BB90SC, AM29LV400BB90SE, AM29LV400BB90SI**AM29LV400BB [ TSOP 48 (12x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)**Variants:** AM29LV400BB120EC, AM29LV400BB120EE, AM29LV400BB120EI, AM29LV400BB70REC, AM29LV400BB70REI, AM29LV400BB80EC, AM29LV400BB80EE, AM29LV400BB80EI, AM29LV400BB90EC, AM29LV400BB90EE, AM29LV400BB90EI**AM29LV400BT [ SOP 44 ]****Manufacturer:** AMD**Required Adapter:** [SOP44-DIP40-UCP](#)**Variants:** AM29LV400BT120SC, AM29LV400BT120SE, AM29LV400BT120SI, AM29LV400BT70RSC, AM29LV400BT70RSI, AM29LV400BT80SC, AM29LV400BT80SE, AM29LV400BT80SI, AM29LV400BT90SC, AM29LV400BT90SE, AM29LV400BT90SI**AM29LV400BT [ TSOP 48 (12x20mm) ]****Manufacturer:** AMD**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)**Variants:** AM29LV400BT120EC, AM29LV400BT120EE, AM29LV400BT120EI, AM29LV400BT70REC, AM29LV400BT70REI, AM29LV400BT80EC, AM29LV400BT80EE, AM29LV400BT80EI, AM29LV400BT90EC, AM29LV400BT90EE, AM29LV400BT90EI

**AM29LV800BB [ SOP 44 ]**

**Manufacturer:** AMD

**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** AM29LV800BB120SC, AM29LV800BB120SE, AM29LV800BB120SI, AM29LV800BB70RSC, AM29LV800BB70RSI, AM29LV800BB80SC, AM29LV800BB80SE, AM29LV800BB80SI, AM29LV800BB90SC, AM29LV800BB90SE, AM29LV800BB90SI

**AM29LV800BB [ TSOP 48 (12x20mm) ]**

**Manufacturer:** AMD

**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** AM29LV800BB120EC, AM29LV800BB120EE, AM29LV800BB120EI, AM29LV800BB70REC, AM29LV800BB70REI, AM29LV800BB80EC, AM29LV800BB80EE, AM29LV800BB80EI, AM29LV800BB90EC, AM29LV800BB90EE, AM29LV800BB90EI

**AM29LV800BT [ SOP 44 ]**

**Manufacturer:** AMD

**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** AM29LV800BT120SC, AM29LV800BT120SE, AM29LV800BT120SI, AM29LV800BT70RSC, AM29LV800BT70RSI, AM29LV800BT80SC, AM29LV800BT80SE, AM29LV800BT80SI, AM29LV800BT90SC, AM29LV800BT90SE, AM29LV800BT90SI

**AM29LV800BT [ TSOP 48 (12x20mm) ]**

**Manufacturer:** AMD

**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** AM29LV800BT120EC, AM29LV800BT120EE, AM29LV800BT120EI, AM29LV800BT70REC, AM29LV800BT70REI, AM29LV800BT80EC, AM29LV800BT80EE, AM29LV800BT80EI, AM29LV800BT90EC, AM29LV800BT90EE, AM29LV800BT90EI

**AM29LV800DB [ SOP 44 ]**

**Manufacturer:** AMD

**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** AM29LV800DB-120SC, AM29LV800DB-120SD, AM29LV800DB-120SF, AM29LV800DB-120SI, AM29LV800DB-70SC, AM29LV800DB-70SD, AM29LV800DB-70SF, AM29LV800DB-70SI, AM29LV800DB-90SC, AM29LV800DB-90SD, AM29LV800DB-90SF, AM29LV800DB-90SI

**AM29LV800DB [ TSOP 48 (12x20mm) ]**

**Manufacturer:** AMD

**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** AM29LV800DB-120EC, AM29LV800DB-120ED, AM29LV800DB-120EF, AM29LV800DB-120EI, AM29LV800DB-70EC, AM29LV800DB-70ED, AM29LV800DB-70EF, AM29LV800DB-70EI, AM29LV800DB-90EC, AM29LV800DB-90ED, AM29LV800DB-90EF, AM29LV800DB-90EI

## AMIC Technology

### 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 [ DIP 32 ]

**Manufacturer:** AMIC Technology

**Required Adapter:** None

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

### A290021U [ PLCC 32 ]

**Manufacturer:** AMIC Technology

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

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

### A290021U [ TSOP 32 (8x20mm) ]

**Manufacturer:** AMIC Technology

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

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

**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

**A29L040 [ DIP 32 ]**

**Manufacturer:** AMIC Technology

**Required Adapter:** None

**Variants:** A29L040-70, A29L040-70F

**A29L040 [ PLCC 32 ]**

**Manufacturer:** AMIC Technology

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

**Variants:** A29L040L-70, A29L040L-70F

**A29L040 [ TSOP 32 (8x14mm) ]**

**Manufacturer:** AMIC Technology

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

**Variants:** A29L040X-70, A29L040X-70F, A29L040Y-70, A29L040Y-70F

**A29L040 [ TSOP 32 (8x20mm) ]**

**Manufacturer:** AMIC Technology

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

**Variants:** A29L040V-70, A29L040V-70F

## ASD

### **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

## Alliance Semiconductor Corp.

### AS29F200B [ SOP 44 ]

**Manufacturer:** Alliance Semiconductor Corp.

**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** AS29F200B-120SC, AS29F200B-120SI, AS29F200B-55SC, AS29F200B-55SI, AS29F200B-70SC, AS29F200B-70SI, AS29F200B-90SC, AS29F200B-90SI

### AS29F200B [ TSOP 48 (12x20mm) ]

**Manufacturer:** Alliance Semiconductor Corp.

**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** AS29F200B-120TC, AS29F200B-120TI, AS29F200B-55TC, AS29F200B-55TI, AS29F200B-70TC, AS29F200B-70TI, AS29F200B-90TC, AS29F200B-90TI

### AS29F200T [ SOP 44 ]

**Manufacturer:** Alliance Semiconductor Corp.

**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** AS29F200T-120SC, AS29F200T-120SI, AS29F200T-55SC, AS29F200T-55SI, AS29F200T-70SC, AS29F200T-70SI, AS29F200T-90SC, AS29F200T-90SI

### AS29F200T [ TSOP 48 (12x20mm) ]

**Manufacturer:** Alliance Semiconductor Corp.

**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** AS29F200T-120TC, AS29F200T-120TI, AS29F200T-55TC, AS29F200T-55TI, AS29F200T-70TC, AS29F200T-70TI, AS29F200T-90TC, AS29F200T-90TI



## 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**AT27C1024 [ DIP 40 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT27C1024-120PA, AT27C1024-120PC, AT27C1024-120PI, AT27C1024-12PA, AT27C1024-12PC, AT27C1024-12PI, AT27C1024-150PA, AT27C1024-150PC, AT27C1024-150PI, AT27C1024-15PA, AT27C1024-15PC, AT27C1024-15PI, AT27C1024-45PC, AT27C1024-45PI, AT27C1024-45PU, AT27C1024-55PC, AT27C1024-55PI, AT27C1024-70PC, AT27C1024-70PI, AT27C1024-70PU, AT27C1024-90PA, AT27C1024-90PC, AT27C1024-90PI**AT27C1024 [ PLCC 44 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC44-DIP40](#)**Variants:** AT27C1024-120JA, AT27C1024-120JC, AT27C1024-120JI, AT27C1024-12JA, AT27C1024-12JC, AT27C1024-12JI, AT27C1024-150JA, AT27C1024-150JC, AT27C1024-150JI, AT27C1024-15JA, AT27C1024-15JC, AT27C1024-15JI, AT27C1024-45JC, AT27C1024-45JI, AT27C1024-45JU, AT27C1024-55JI, AT27C1024-55JL, AT27C1024-70JC, AT27C1024-70JI, AT27C1024-70JU, AT27C1024-90JA, AT27C1024-90JC, AT27C1024-90JI**AT27C1024 [ TSOP 40 (10x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP40\(10x14mm\)-DIP40](#)**Variants:** AT27C1024-120VC, AT27C1024-120VI, AT27C1024-12VC, AT27C1024-12VI, AT27C1024-150VC, AT27C1024-150VI, AT27C1024-15VC, AT27C1024-15VI, AT27C1024-45VC, AT27C1024-45VI, AT27C1024-55VC, AT27C1024-55VI, AT27C1024-70VC, AT27C1024-70VI, AT27C1024-90VC, AT27C1024-90VI**AT27C2048 [ DIP 40 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT27C2048-12PC, AT27C2048-12PI, AT27C2048-15PC, AT27C2048-15PI, AT27C2048-55PC, AT27C2048-55PI, AT27C2048-55PU, AT27C2048-70PC, AT27C2048-70PI, AT27C2048-90PC, AT27C2048-90PI, AT27C2048-90PU

**AT27C2048 [ PLCC 44 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC44-DIP40](#)**Variants:** AT27C2048-12JC, AT27C2048-12JI, AT27C2048-15JC, AT27C2048-15JI, AT27C2048-55JC, AT27C2048-55JI, AT27C2048-55JU, AT27C2048-70JC, AT27C2048-70JI, AT27C2048-90JC, AT27C2048-90JI, AT27C2048-90JU**AT27C2048 [ TSOP 40 (10x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP40\(10x14mm\)-DIP40](#)**Variants:** AT27C2048-12VC, AT27C2048-12VI, AT27C2048-15VC, AT27C2048-15VI, AT27C2048-55VC, AT27C2048-55VI, AT27C2048-70VC, AT27C2048-70VI, AT27C2048-90VC, AT27C2048-90VI**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**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

**AT28LV010 [ DIP 32 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT28LV010-20PC, AT28LV010-20PI, AT28LV010-20PU, AT28LV010-25PC, AT28LV010-25PI, AT28LV010-25PU**AT28LV010 [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AT28LV010-20JC, AT28LV010-20JI, AT28LV010-20JU, AT28LV010-25JC, AT28LV010-25JI, AT28LV010-25JU**AT28LV010 [ TSOP 32 (10x20mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP32\(10x20mm\)-DIP32](#)**Variants:** AT28LV010-20TC, AT28LV010-20TI, AT28LV010-20TU, AT28LV010-25TC, AT28LV010-25TI, AT28LV010-25TU**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

**AT29LV020 [ PLCC 32 ]**

**Manufacturer:** Atmel

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

**Variants:** AT29LV020-10JC, AT29LV020-10JI, AT29LV020-10JU, AT29LV020-12JC, AT29LV020-12JI, AT29LV020-20JC, AT29LV020-20JI, AT29LV020-25JC, AT29LV020-25JI

**AT29LV020 [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Atmel

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

**Variants:** AT29LV020-10TC, AT29LV020-10TI, AT29LV020-10TU, AT29LV020-12TC, AT29LV020-12TI, AT29LV020-20TC, AT29LV020-20TI, AT29LV020-25TC, AT29LV020-25TI

**AT29LV512 [ PLCC 32 ]**

**Manufacturer:** Atmel

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

**Variants:** AT29LV512-12JC, AT29LV512-12JI, AT29LV512-12JU, AT29LV512-15JC, AT29LV512-15JI, AT29LV512-15JU, AT29LV512-20JC, AT29LV512-20JI, AT29LV512-25JC, AT29LV512-25JI

**AT29LV512 [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Atmel

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

**Variants:** AT29LV512-12TC, AT29LV512-12TI, AT29LV512-12TU, AT29LV512-15TC, AT29LV512-15TI, AT29LV512-15TU, AT29LV512-20TC, AT29LV512-20TI, AT29LV512-25TC, AT29LV512-25TI

**AT49BV040B [ PLCC 32 ]**

**Manufacturer:** Atmel

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

**Variants:** AT49BV040B-15JC, AT49BV040B-15JI, AT49BV040B-20JC, AT49BV040B-20JI

**AT49BV040B [ TSOP 32 (8x14mm) ]**

**Manufacturer:** Atmel

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

**Variants:** AT49BV040B-15TC, AT49BV040B-15TI, AT49BV040B-20TC, AT49BV040B-20TI

**AT49BV040B [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Atmel

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

**Variants:** AT49BV040B-15VC, AT49BV040B-15VI, AT49BV040B-20VC, AT49BV040B-20VI

**AT49BV040T [ PLCC 32 ]**

**Manufacturer:** Atmel

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

**Variants:** AT49BV040T-15JC, AT49BV040T-15JI, AT49BV040T-20JC, AT49BV040T-20JI

**AT49BV040T [ TSOP 32 (8x14mm) ]**

**Manufacturer:** Atmel

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

**Variants:** AT49BV040T-15TC, AT49BV040T-15TI, AT49BV040T-20TC, AT49BV040T-20TI

**AT49BV040T [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Atmel

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

**Variants:** AT49BV040T-15VC, AT49BV040T-15VI, AT49BV040T-20VC, AT49BV040T-20VI

**AT49F001 [ DIP 32 ]**

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT49F001-12PC, AT49F001-12PI, AT49F001-55PC, AT49F001-55PI, AT49F001-70PC, AT49F001-70PI, AT49F001-90PC, AT49F001-90PI

**AT49F001 [ PLCC 32 ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F001-12JC, AT49F001-12JI, AT49F001-45JI, AT49F001-55JC, AT49F001-55JI, AT49F001-55JU, AT49F001-70JC, AT49F001-70JI, AT49F001-90JC, AT49F001-90JI

**AT49F001 [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F001-12TC, AT49F001-12TI, AT49F001-45TI, AT49F001-55TC, AT49F001-55TI, AT49F001-55TU, AT49F001-70TC, AT49F001-70TI, AT49F001-90TC, AT49F001-90TI



**AT49F001 [ VSOP 32 (8x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [VSOP32\(8x14mm\)-DIP32](#)**Variants:** AT49F001-12VC, AT49F001-12VI, AT49F001-45VI, AT49F001-55VC, AT49F001-55VI, AT49F001-55VU, AT49F001-70VC, AT49F001-70VI, AT49F001-90VC, AT49F001-90VI**AT49F001A [ DIP 32 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT49F001A-12PC, AT49F001A-12PI, AT49F001A-45PC, AT49F001A-45PI, AT49F001A-55PC, AT49F001A-55PI, AT49F001A-55PU, AT49F001A-70PC, AT49F001A-70PI, AT49F001A-90PC, AT49F001A-90PI**AT49F001A [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AT49F001A-12JC, AT49F001A-12JI, AT49F001A-45JC, AT49F001A-45JI, AT49F001A-55JC, AT49F001A-55JI, AT49F001A-55JU, AT49F001A-70JC, AT49F001A-70JI, AT49F001A-90JC, AT49F001A-90JI**AT49F001A [ TSOP 32 (8x20mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AT49F001A-12TC, AT49F001A-12TI, AT49F001A-45TC, AT49F001A-45TI, AT49F001A-55TC, AT49F001A-55TI, AT49F001A-55TU, AT49F001A-70TC, AT49F001A-70TI, AT49F001A-90TC, AT49F001A-90TI**AT49F001A [ VSOP 32 (8x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [VSOP32\(8x14mm\)-DIP32](#)**Variants:** AT49F001A-12VC, AT49F001A-12VI, AT49F001A-45VC, AT49F001A-45VI, AT49F001A-55VC, AT49F001A-55VI, AT49F001A-55VU, AT49F001A-70VC, AT49F001A-70VI, AT49F001A-90VC, AT49F001A-90VI**AT49F001AN [ DIP 32 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT49F001AN-12PC, AT49F001AN-12PI, AT49F001AN-45PC, AT49F001AN-45PI, AT49F001AN-55PC, AT49F001AN-55PI, AT49F001AN-55PU, AT49F001AN-70PC, AT49F001AN-70PI, AT49F001AN-90PC, AT49F001AN-90PI**AT49F001AN [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AT49F001AN-12JC, AT49F001AN-12JI, AT49F001AN-45JC, AT49F001AN-45JI, AT49F001AN-55JC, AT49F001AN-55JI, AT49F001AN-55JU, AT49F001AN-70JC, AT49F001AN-70JI, AT49F001AN-90JC, AT49F001AN-90JI**AT49F001AN [ TSOP 32 (8x20mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AT49F001AN-12TC, AT49F001AN-12TI, AT49F001AN-45TC, AT49F001AN-45TI, AT49F001AN-55TC, AT49F001AN-55TI, AT49F001AN-55TU, AT49F001AN-70TC, AT49F001AN-70TI, AT49F001AN-90TC, AT49F001AN-90TI**AT49F001AN [ VSOP 32 (8x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [VSOP32\(8x14mm\)-DIP32](#)**Variants:** AT49F001AN-12VC, AT49F001AN-12VI, AT49F001AN-45VC, AT49F001AN-45VI, AT49F001AN-55VC, AT49F001AN-55VI, AT49F001AN-55VU, AT49F001AN-70VC, AT49F001AN-70VI, AT49F001AN-90VC, AT49F001AN-90VI**AT49F001ANT [ DIP 32 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT49F001ANT-12PC, AT49F001ANT-12PI, AT49F001ANT-45PC, AT49F001ANT-45PI, AT49F001ANT-55PC, AT49F001ANT-55PI, AT49F001ANT-55PU, AT49F001ANT-70PC, AT49F001ANT-70PI, AT49F001ANT-90PC, AT49F001ANT-90PI**AT49F001ANT [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AT49F001ANT-12JC, AT49F001ANT-12JI, AT49F001ANT-45JC, AT49F001ANT-45JI, AT49F001ANT-55JC, AT49F001ANT-55JI, AT49F001ANT-55JU, AT49F001ANT-70JC, AT49F001ANT-70JI, AT49F001ANT-90JC, AT49F001ANT-90JI**AT49F001ANT [ TSOP 32 (8x20mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AT49F001ANT-12TC, AT49F001ANT-12TI, AT49F001ANT-45TC, AT49F001ANT-45TI, AT49F001ANT-55TC, AT49F001ANT-55TI, AT49F001ANT-55TU, AT49F001ANT-70TC, AT49F001ANT-70TI, AT49F001ANT-90TC, AT49F001ANT-90TI

**AT49F001ANT [ VSOP 32 (8x14mm) ]**

**Manufacturer:** Atmel

**Required Adapter:** [VSOP32\(8x14mm\)-DIP32](#)

**Variants:** AT49F001ANT-12VC, AT49F001ANT-12VI, AT49F001ANT-45VC, AT49F001ANT-45VI, AT49F001ANT-55VC, AT49F001ANT-55VI, AT49F001ANT-55VU, AT49F001ANT-70VC, AT49F001ANT-70VI, AT49F001ANT-90VC, AT49F001ANT-90VI

**AT49F001AT [ DIP 32 ]**

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT49F001AT-12PC, AT49F001AT-12PI, AT49F001AT-45PC, AT49F001AT-45PI, AT49F001AT-55PC, AT49F001AT-55PI, AT49F001AT-55PU, AT49F001AT-70PC, AT49F001AT-70PI, AT49F001AT-90PC, AT49F001AT-90PI

**AT49F001AT [ PLCC 32 ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F001AT-12JC, AT49F001AT-12JI, AT49F001AT-45JC, AT49F001AT-45JI, AT49F001AT-55JC, AT49F001AT-55JI, AT49F001AT-55JU, AT49F001AT-70JC, AT49F001AT-70JI, AT49F001AT-90JC, AT49F001AT-90JI

**AT49F001AT [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F001AT-12TC, AT49F001AT-12TI, AT49F001AT-45TC, AT49F001AT-45TI, AT49F001AT-55TC, AT49F001AT-55TI, AT49F001AT-55TU, AT49F001AT-70TC, AT49F001AT-70TI, AT49F001AT-90TC, AT49F001AT-90TI

**AT49F001AT [ VSOP 32 (8x14mm) ]**

**Manufacturer:** Atmel

**Required Adapter:** [VSOP32\(8x14mm\)-DIP32](#)

**Variants:** AT49F001AT-12VC, AT49F001AT-12VI, AT49F001AT-45VC, AT49F001AT-45VI, AT49F001AT-55VC, AT49F001AT-55VI, AT49F001AT-55VU, AT49F001AT-70VC, AT49F001AT-70VI, AT49F001AT-90VC, AT49F001AT-90VI

**AT49F001N [ DIP 32 ]**

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT49F001N-12PC, AT49F001N-12PI, AT49F001N-55PC, AT49F001N-55PI, AT49F001N-70PC, AT49F001N-70PI, AT49F001N-90PC, AT49F001N-90PI

**AT49F001N [ PLCC 32 ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F001N-12JC, AT49F001N-12JI, AT49F001N-45JI, AT49F001N-55JC, AT49F001N-55JI, AT49F001N-55JU, AT49F001N-70JC, AT49F001N-70JI, AT49F001N-90JC, AT49F001N-90JI

**AT49F001N [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F001N-12TC, AT49F001N-12TI, AT49F001N-45TI, AT49F001N-55TC, AT49F001N-55TI, AT49F001N-55TU, AT49F001N-70TC, AT49F001N-70TI, AT49F001N-90TC, AT49F001N-90TI

**AT49F001N [ VSOP 32 (8x14mm) ]**

**Manufacturer:** Atmel

**Required Adapter:** [VSOP32\(8x14mm\)-DIP32](#)

**Variants:** AT49F001N-12VC, AT49F001N-12VI, AT49F001N-45VI, AT49F001N-55VC, AT49F001N-55VI, AT49F001N-55VU, AT49F001N-70VC, AT49F001N-70VI, AT49F001N-90VC, AT49F001N-90VI

**AT49F001NT [ DIP 32 ]**

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT49F001NT-12PC, AT49F001NT-12PI, AT49F001NT-55PC, AT49F001NT-55PI, AT49F001NT-70PC, AT49F001NT-70PI, AT49F001NT-90PC, AT49F001NT-90PI

**AT49F001NT [ PLCC 32 ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F001NT-12JC, AT49F001NT-12JI, AT49F001NT-45JI, AT49F001NT-55JC, AT49F001NT-55JI, AT49F001NT-55JU, AT49F001NT-70JC, AT49F001NT-70JI, AT49F001NT-90JC, AT49F001NT-90JI

**AT49F001NT [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F001NT-12TC, AT49F001NT-12TI, AT49F001NT-45TI, AT49F001NT-55TC, AT49F001NT-55TI, AT49F001NT-55TU, AT49F001NT-70TC, AT49F001NT-70TI, AT49F001NT-90TC, AT49F001NT-90TI

**AT49F001NT [ VSOP 32 (8x14mm) ]**

**Manufacturer:** Atmel

**Required Adapter:** [VSOP32\(8x14mm\)-DIP32](#)

**Variants:** AT49F001NT-12VC, AT49F001NT-12VI, AT49F001NT-46VI, AT49F001NT-55VC, AT49F001NT-55VI, AT49F001NT-55VU, AT49F001NT-70VC, AT49F001NT-70VI, AT49F001NT-90VC, AT49F001NT-90VI

**AT49F001T [ DIP 32 ]**

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT49F001T-12PC, AT49F001T-12PI, AT49F001T-55PC, AT49F001T-55PI, AT49F001T-70PC, AT49F001T-70PI, AT49F001T-90PC, AT49F001T-90PI

**AT49F001T [ PLCC 32 ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F001T-12JC, AT49F001T-12JI, AT49F001T-45JI, AT49F001T-55JC, AT49F001T-55JI, AT49F001T-55JU, AT49F001T-70JC, AT49F001T-70JI, AT49F001T-90JC, AT49F001T-90JI

**AT49F001T [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F001T-12TC, AT49F001T-12TI, AT49F001T-45TI, AT49F001T-55TC, AT49F001T-55TI, AT49F001T-55TU, AT49F001T-70TC, AT49F001T-70TI, AT49F001T-90TC, AT49F001T-90TI

**AT49F001T [ VSOP 32 (8x14mm) ]**

**Manufacturer:** Atmel

**Required Adapter:** [VSOP32\(8x14mm\)-DIP32](#)

**Variants:** AT49F001T-12VC, AT49F001T-12VI, AT49F001T-46VI, AT49F001T-55VC, AT49F001T-55VI, AT49F001T-55VU, AT49F001T-70VC, AT49F001T-70VI, AT49F001T-90VC, AT49F001T-90VI

**AT49F002 [ DIP 32 ]**

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT49F002-12PC, AT49F002-12PI, AT49F002-55PC, AT49F002-55PI, AT49F002-70PC, AT49F002-70PI, AT49F002-90PC, AT49F002-90PI

**AT49F002 [ PLCC 32 ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F002-12JC, AT49F002-12JI, AT49F002-45JI, AT49F002-55JC, AT49F002-55JI, AT49F002-55JU, AT49F002-70JC, AT49F002-70JI, AT49F002-90JC, AT49F002-90JI

**AT49F002 [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F002-12TC, AT49F002-12TI, AT49F002-45TI, AT49F002-55TC, AT49F002-55TI, AT49F002-55TU, AT49F002-70TC, AT49F002-70TI, AT49F002-90TC, AT49F002-90TI

**AT49F002 [ VSOP 32 (8x14mm) ]**

**Manufacturer:** Atmel

**Required Adapter:** [VSOP32\(8x14mm\)-DIP32](#)

**Variants:** AT49F002-12VC, AT49F002-12VI, AT49F002-45VI, AT49F002-55VC, AT49F002-55VI, AT49F002-55VU, AT49F002-70VC, AT49F002-70VI, AT49F002-90VC, AT49F002-90VI

**AT49F002A [ DIP 32 ]**

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT49F002A-12PC, AT49F002A-12PI, AT49F002A-45PC, AT49F002A-45PI, AT49F002A-55PC, AT49F002A-55PI, AT49F002A-55PU, AT49F002A-70PC, AT49F002A-70PI, AT49F002A-90PC, AT49F002A-90PI

**AT49F002A [ PLCC 32 ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F002A-12JC, AT49F002A-12JI, AT49F002A-45JC, AT49F002A-45JI, AT49F002A-55JC, AT49F002A-55JI, AT49F002A-55JU, AT49F002A-70JC, AT49F002A-70JI, AT49F002A-90JC, AT49F002A-90JI

**AT49F002A [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F002A-12TC, AT49F002A-12TI, AT49F002A-45TC, AT49F002A-45TI, AT49F002A-55TC, AT49F002A-55TI, AT49F002A-55TU, AT49F002A-70TC, AT49F002A-70TI, AT49F002A-90TC, AT49F002A-90TI

**AT49F002A [ VSOP 32 (8x14mm) ]**

**Manufacturer:** Atmel

**Required Adapter:** [VSOP32\(8x14mm\)-DIP32](#)

**Variants:** AT49F002A-12VC, AT49F002A-12VI, AT49F002A-45VC, AT49F002A-45VI, AT49F002A-55VC, AT49F002A-55VI, AT49F002A-55VU, AT49F002A-70VC, AT49F002A-70VI, AT49F002A-90VC, AT49F002A-90VI

**AT49F002AN [ DIP 32 ]**

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT49F002AN-12PC, AT49F002AN-12PI, AT49F002AN-45PC, AT49F002AN-45PI, AT49F002AN-55PC, AT49F002AN-55PI, AT49F002AN-55PU, AT49F002AN-70PC, AT49F002AN-70PI, AT49F002AN-90PC, AT49F002AN-90PI

**AT49F002AN [ PLCC 32 ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F002AN-12JC, AT49F002AN-12JI, AT49F002AN-45JC, AT49F002AN-45JI, AT49F002AN-55JC, AT49F002AN-55JI, AT49F002AN-55JU, AT49F002AN-70JC, AT49F002AN-70JI, AT49F002AN-90JC, AT49F002AN-90JI

**AT49F002AN [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F002AN-12TC, AT49F002AN-12TI, AT49F002AN-45TC, AT49F002AN-45TI, AT49F002AN-55TC, AT49F002AN-55TI, AT49F002AN-55TU, AT49F002AN-70TC, AT49F002AN-70TI, AT49F002AN-90TC, AT49F002AN-90TI

**AT49F002AN [ VSOP 32 (8x14mm) ]**

**Manufacturer:** Atmel

**Required Adapter:** [VSOP32\(8x14mm\)-DIP32](#)

**Variants:** AT49F002AN-12VC, AT49F002AN-12VI, AT49F002AN-45VC, AT49F002AN-45VI, AT49F002AN-55VC, AT49F002AN-55VI, AT49F002AN-55VU, AT49F002AN-70VC, AT49F002AN-70VI, AT49F002AN-90VC, AT49F002AN-90VI

**AT49F002ANT [ DIP 32 ]**

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT49F002ANT-12PC, AT49F002ANT-12PI, AT49F002ANT-45PC, AT49F002ANT-45PI, AT49F002ANT-55PC, AT49F002ANT-55PI, AT49F002ANT-55PU, AT49F002ANT-70PC, AT49F002ANT-70PI, AT49F002ANT-90PC, AT49F002ANT-90PI

**AT49F002ANT [ PLCC 32 ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F002ANT-12JC, AT49F002ANT-12JI, AT49F002ANT-45JC, AT49F002ANT-45JI, AT49F002ANT-55JC, AT49F002ANT-55JI, AT49F002ANT-55JU, AT49F002ANT-70JC, AT49F002ANT-70JI, AT49F002ANT-90JC, AT49F002ANT-90JI

**AT49F002ANT [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F002ANT-12TC, AT49F002ANT-12TI, AT49F002ANT-45TC, AT49F002ANT-45TI, AT49F002ANT-55TC, AT49F002ANT-55TI, AT49F002ANT-55TU, AT49F002ANT-70TC, AT49F002ANT-70TI, AT49F002ANT-90TC, AT49F002ANT-90TI

**AT49F002ANT [ VSOP 32 (8x14mm) ]**

**Manufacturer:** Atmel

**Required Adapter:** [VSOP32\(8x14mm\)-DIP32](#)

**Variants:** AT49F002ANT-12VC, AT49F002ANT-12VI, AT49F002ANT-45VC, AT49F002ANT-45VI, AT49F002ANT-55VC, AT49F002ANT-55VI, AT49F002ANT-55VU, AT49F002ANT-70VC, AT49F002ANT-70VI, AT49F002ANT-90VC, AT49F002ANT-90VI

**AT49F002AT [ DIP 32 ]**

**Manufacturer:** Atmel

**Required Adapter:** None

**Variants:** AT49F002AT-12PC, AT49F002AT-12PI, AT49F002AT-45PC, AT49F002AT-45PI, AT49F002AT-55PC, AT49F002AT-55PI, AT49F002AT-55PU, AT49F002AT-70PC, AT49F002AT-70PI, AT49F002AT-90PC, AT49F002AT-90PI

**AT49F002AT [ PLCC 32 ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F002AT-12JC, AT49F002AT-12JI, AT49F002AT-45JC, AT49F002AT-45JI, AT49F002AT-55JC, AT49F002AT-55JI, AT49F002AT-55JU, AT49F002AT-70JC, AT49F002AT-70JI, AT49F002AT-90JC, AT49F002AT-90JI

**AT49F002AT [ TSOP 32 (8x20mm) ]**

**Manufacturer:** Atmel

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

**Variants:** AT49F002AT-12TC, AT49F002AT-12TI, AT49F002AT-45TC, AT49F002AT-45TI, AT49F002AT-55TC, AT49F002AT-55TI, AT49F002AT-55TU, AT49F002AT-70TC, AT49F002AT-70TI, AT49F002AT-90TC, AT49F002AT-90TI

**AT49F002AT [ VSOP 32 (8x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [VSOP32\(8x14mm\)-DIP32](#)**Variants:** AT49F002AT-12VC, AT49F002AT-12VI, AT49F002AT-45VC, AT49F002AT-45VI, AT49F002AT-55VC, AT49F002AT-55VI, AT49F002AT-55VU, AT49F002AT-70VC, AT49F002AT-70VI, AT49F002AT-90VC, AT49F002AT-90VI**AT49F002N [ DIP 32 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT49F002N-12PC, AT49F002N-12PI, AT49F002N-55PC, AT49F002N-55PI, AT49F002N-70PC, AT49F002N-70PI, AT49F002N-90PC, AT49F002N-90PI**AT49F002N [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AT49F002N-12JC, AT49F002N-12JI, AT49F002N-45JI, AT49F002N-55JC, AT49F002N-55JI, AT49F002N-55JU, AT49F002N-70JC, AT49F002N-70JI, AT49F002N-90JC, AT49F002N-90JI**AT49F002N [ TSOP 32 (8x20mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AT49F002N-12TC, AT49F002N-12TI, AT49F002N-45TI, AT49F002N-55TC, AT49F002N-55TI, AT49F002N-55TU, AT49F002N-70TC, AT49F002N-70TI, AT49F002N-90TC, AT49F002N-90TI**AT49F002N [ VSOP 32 (8x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [VSOP32\(8x14mm\)-DIP32](#)**Variants:** AT49F002N-12VC, AT49F002N-12VI, AT49F002N-45VI, AT49F002N-55VC, AT49F002N-55VI, AT49F002N-55VU, AT49F002N-70VC, AT49F002N-70VI, AT49F002N-90VC, AT49F002N-90VI**AT49F002NT [ DIP 32 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT49F002NT-12PC, AT49F002NT-12PI, AT49F002NT-55PC, AT49F002NT-55PI, AT49F002NT-70PC, AT49F002NT-70PI, AT49F002NT-90PC, AT49F002NT-90PI**AT49F002NT [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AT49F002NT-12JC, AT49F002NT-12JI, AT49F002NT-45JI, AT49F002NT-55JC, AT49F002NT-55JI, AT49F002NT-55JU, AT49F002NT-70JC, AT49F002NT-70JI, AT49F002NT-90JC, AT49F002NT-90JI**AT49F002NT [ TSOP 32 (8x20mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AT49F002NT-12TC, AT49F002NT-12TI, AT49F002NT-45TI, AT49F002NT-55TC, AT49F002NT-55TI, AT49F002NT-55TU, AT49F002NT-70TC, AT49F002NT-70TI, AT49F002NT-90TC, AT49F002NT-90TI**AT49F002NT [ VSOP 32 (8x14mm) ]****Manufacturer:** Atmel**Required Adapter:** [VSOP32\(8x14mm\)-DIP32](#)**Variants:** AT49F002NT-12VC, AT49F002NT-12VI, AT49F002NT-45VI, AT49F002NT-55VC, AT49F002NT-55VI, AT49F002NT-55VU, AT49F002NT-70VC, AT49F002NT-70VI, AT49F002NT-90VC, AT49F002NT-90VI**AT49F002T [ DIP 32 ]****Manufacturer:** Atmel**Required Adapter:** None**Variants:** AT49F002T-12PC, AT49F002T-12PI, AT49F002T-55PC, AT49F002T-55PI, AT49F002T-70PC, AT49F002T-70PI, AT49F002T-90PC, AT49F002T-90PI**AT49F002T [ PLCC 32 ]****Manufacturer:** Atmel**Required Adapter:** [PLCC32-DIP32](#)**Variants:** AT49F002T-12JC, AT49F002T-12JI, AT49F002T-45JI, AT49F002T-55JC, AT49F002T-55JI, AT49F002T-55JU, AT49F002T-70JC, AT49F002T-70JI, AT49F002T-90JC, AT49F002T-90JI**AT49F002T [ TSOP 32 (8x20mm) ]****Manufacturer:** Atmel**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** AT49F002T-12TC, AT49F002T-12TI, AT49F002T-45TI, AT49F002T-55TC, AT49F002T-55TI, AT49F002T-55TU, AT49F002T-70TC, AT49F002T-70TI, AT49F002T-90TC, AT49F002T-90TI

**AT49F002T [ VSOP 32 (8x14mm) ]**

Manufacturer: Atmel

Required Adapter: [VSOP32\(8x14mm\)-DIP32](#)

Variants: AT49F002T-12VC, AT49F002T-12VI, AT49F002T-45VI, AT49F002T-55VC, AT49F002T-55VI, AT49F002T-55VU, AT49F002T-70VC, AT49F002T-70VI, AT49F002T-90VC, AT49F002T-90VI

**AT49F010T [ DIP 32 ]**

Manufacturer: Atmel

Required Adapter: None

Variants: AT49F010T-12PC, AT49F010T-12PI, AT49F010T-70PC, AT49F010T-70PI, AT49F010T-90PC, AT49F010T-90PI

**AT49F010T [ PLCC 32 ]**

Manufacturer: Atmel

Required Adapter: [PLCC32-DIP32](#)

Variants: AT49F010T-12JC, AT49F010T-12JI, AT49F010T-70JC, AT49F010T-70JI, AT49F010T-90JC, AT49F010T-90JI

**AT49F010T [ TSOP 32 (8x20mm) ]**

Manufacturer: Atmel

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

Variants: AT49F010T-12TC, AT49F010T-12TI, AT49F010T-70TC, AT49F010T-70TI, AT49F010T-90TC, AT49F010T-90TI

**AT49F040 [ DIP 32 ]**

Manufacturer: Atmel

Required Adapter: None

Variants: AT49F040-12PC, AT49F040-12PI, AT49F040-55PC, AT49F040-55PI, AT49F040-70PC, AT49F040-70PI, AT49F040-90PC, AT49F040-90PI

**AT49F040 [ PLCC 32 ]**

Manufacturer: Atmel

Required Adapter: [PLCC32-DIP32](#)

Variants: AT49F040-12JC, AT49F040-12JI, AT49F040-55JC, AT49F040-55JI, AT49F040-70JC, AT49F040-70JI, AT49F040-90JC, AT49F040-90JI

**AT49F040 [ TSOP 32 (8x20mm) ]**

Manufacturer: Atmel

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

Variants: AT49F040-12TC, AT49F040-12TI, AT49F040-55TC, AT49F040-55TI, AT49F040-70TC, AT49F040-70TI, AT49F040-90TC, AT49F040-90TI

**AT49F040A [ DIP 32 ]**

Manufacturer: Atmel

Required Adapter: None

Variants: AT49F040A-12PC, AT49F040A-12PI, AT49F040A-55PC, AT49F040A-55PI, AT49F040A-70PC, AT49F040A-70PI, AT49F040A-90PC, AT49F040A-90PI

**AT49F040A [ PLCC 32 ]**

Manufacturer: Atmel

Required Adapter: [PLCC32-DIP32](#)

Variants: AT49F040A-12JC, AT49F040A-12JI, AT49F040A-55JC, AT49F040A-55JI, AT49F040A-70JC, AT49F040A-70JI, AT49F040A-90JC, AT49F040A-90JI

**AT49F040A [ TSOP 32 (8x20mm) ]**

Manufacturer: Atmel

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

Variants: AT49F040A-12TC, AT49F040A-12TI, AT49F040A-55TC, AT49F040A-55TI, AT49F040A-70TC, AT49F040A-70TI, AT49F040A-90TC, AT49F040A-90TI

**AT49F040B [ PLCC 32 ]**

Manufacturer: Atmel

Required Adapter: [PLCC32-DIP32](#)

Variants: AT49F040B-55JU

**AT49F040B [ TSOP 32 (8x20mm) ]**

Manufacturer: Atmel

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

Variants: AT49F040B-55TU

**AT49F040T [ DIP 32 ]**

Manufacturer: Atmel

Required Adapter: None

Variants: AT49F040T-12PC, AT49F040T-12PI, AT49F040T-70PC, AT49F040T-70PI, AT49F040T-90PC, AT49F040T-90PI

**AT49F040T [ PLCC 32 ]**

Manufacturer: Atmel

Required Adapter: [PLCC32-DIP32](#)

Variants: AT49F040T-12JC, AT49F040T-12JI, AT49F040T-70JC, AT49F040T-70JI, AT49F040T-90JC, AT49F040T-90JI

**AT49F040T [ TSOP 32 (8x20mm) ]**

Manufacturer: Atmel

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

Variants: AT49F040T-12TC, AT49F040T-12TI, AT49F040T-70TC, AT49F040T-70TI, AT49F040T-90TC, AT49F040T-90TI

**AT49F512 [ DIP 32 ]**

Manufacturer: Atmel

Required Adapter: None

Variants: AT49F512-70PC, AT49F512-70PI, AT49F512-90PC, AT49F512-90PI

**AT49F512 [ PLCC 32 ]**

Manufacturer: Atmel

Required Adapter: [PLCC32-DIP32](#)

Variants: AT49F512-55JU, AT49F512-70JC, AT49F512-70JI, AT49F512-90JC, AT49F512-90JI

**AT49F512 [ TSOP 32 (8x20mm) ]**

Manufacturer: Atmel

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

Variants: AT49F512-55TI, AT49F512-55TU, AT49F512-70TC, AT49F512-70TI, AT49F512-70TU, AT49F512-90TC, AT49F512-90TI

**AT49F512 [ VSOP 32 (8x14mm) ]**

Manufacturer: Atmel

Required Adapter: [VSOP32\(8x14mm\)-DIP32](#)

Variants: AT49F512-55VI, AT49F512-55VU, AT49F512-70VC, AT49F512-70VI, AT49F512-90VC, AT49F512-90VI

**AT49LV040 [ PLCC 32 ]**

Manufacturer: Atmel

Required Adapter: [PLCC32-DIP32](#)

Variants: AT49LV040-15JC, AT49LV040-15JI, AT49LV040-20JC, AT49LV040-20JI

**AT49LV040 [ TSOP 32 (8x14mm) ]**

Manufacturer: Atmel

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

Variants: AT49LV040-15TC, AT49LV040-15TI, AT49LV040-20TC, AT49LV040-20TI

**AT49LV040 [ TSOP 32 (8x20mm) ]**

Manufacturer: Atmel

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

Variants: AT49LV040-15VC, AT49LV040-15VI, AT49LV040-20VC, AT49LV040-20VI

**AT49LV040T [ PLCC 32 ]**

Manufacturer: Atmel

Required Adapter: [PLCC32-DIP32](#)

Variants: AT49LV040T-15JC, AT49LV040T-15JI, AT49LV040T-20JC, AT49LV040T-20JI

**AT49LV040T [ TSOP 32 (8x14mm) ]**

Manufacturer: Atmel

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

Variants: AT49LV040T-15TC, AT49LV040T-15TI, AT49LV040T-20TC, AT49LV040T-20TI

**AT49LV040T [ TSOP 32 (8x20mm) ]**

Manufacturer: Atmel

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

Variants: AT49LV040T-15VC, AT49LV040T-15VI, AT49LV040T-20VC, AT49LV040T-20VI

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## 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



## 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

### **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

**B58275 [ DIP 40 ]**

Manufacturer: Bosch  
Required Adapter: None  
Variants: B58275-DIP

**B58275 [ PLCC 44 ]**

Manufacturer: Bosch  
Required Adapter: [PLCC44-DIP40](#)  
Variants: B58275-PLCC

**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

**B58548 [ DIP 40 ]**

Manufacturer: Bosch  
Required Adapter: None  
Variants: B58548-DIP

**B58548 [ PLCC 44 ]**

Manufacturer: Bosch  
Required Adapter: [PLCC44-DIP40](#)  
Variants: B58548-PLCC

**B58550 [ PLCC 32 ]**

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

**B58601 [ SOP 44 ]**

Manufacturer: Bosch  
Required Adapter: [SOP44-DIP40-UCP](#)  
Variants: B58601-SOP

**B58755 [ SOP 44 ]**

Manufacturer: Bosch  
Required Adapter: [SOP44-DIP40-UCP](#)  
Variants: B58755-SOP

**B58768 [ SOP 44 ]**

Manufacturer: Bosch  
Required Adapter: [SOP44-DIP40-UCP](#)  
Variants: B58768-SOP

**B58791 [ SOP 44 ]**

Manufacturer: Bosch  
Required Adapter: [SOP44-DIP40-UCP](#)  
Variants: B58791-SOP

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**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)

### 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

### 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

### 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

### 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

## 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

### 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

## EON

### 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

### 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 [ 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 [ PLCC 32 ]****Manufacturer:** EON**Required Adapter:** [PLCC32-DIP32](#)**Variants:** EN29F040A-45JC, EN29F040A-45JCP, EN29F040A-45JI, EN29F040A-45JIP, EN29F040A-55JC, EN29F040A-55JCP, EN29F040A-55JI, EN29F040A-55JIP, EN29F040A-70JC, EN29F040A-70JCP, EN29F040A-70JI, EN29F040A-70JIP, EN29F040A-90JC, EN29F040A-90JCP, EN29F040A-90JI, EN29F040A-90JIP**EN29F040A [ TSOP 32 (8x20mm) ]****Manufacturer:** EON**Required Adapter:** [TSOP32\(8x20mm\)-DIP32](#)**Variants:** EN29F040A-45TC, EN29F040A-45TCP, EN29F040A-45TI, EN29F040A-45TIP, EN29F040A-55TC, EN29F040A-55TCP, EN29F040A-55TI, EN29F040A-55TIP, EN29F040A-70TC, EN29F040A-70TCP, EN29F040A-70TI, EN29F040A-70TIP, EN29F040A-90TC, EN29F040A-90TCP, EN29F040A-90TI, EN29F040A-90TIP

## 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**NM27C210 [ DIP 40 ]****Manufacturer:** Fairchild**Required Adapter:** None**Variants:** NM27C210N120, NM27C210N150, NM27C210N90, NM27C210NE120, NM27C210NE150, NM27C210Q120, NM27C210Q150, NM27C210Q90, NM27C210QE120, NM27C210QE150**NM27C210 [ PLCC 44 ]****Manufacturer:** Fairchild**Required Adapter:** [PLCC44-DIP40](#)**Variants:** NM27C210V120, NM27C210V150, NM27C210V90, NM27C210VE120, NM27C210VE150**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

## Fujitsu

### **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

### **MBM27C1024 [ DIP 40 ]**

**Manufacturer:** Fujitsu  
**Required Adapter:** None  
**Variants:** MBM27C1024-15Z, MBM27C1024-20Z, MBM27C1024-25Z

### **MBM27C1024 [ PLCC 44 ]**

**Manufacturer:** Fujitsu  
**Required Adapter:** [PLCC44-DIP40](#)  
**Variants:** MBM27C1024-15TV, MBM27C1024-20TV, MBM27C1024-25TV

### **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

### **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

### **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

### **MBM29LV800BA [ SOP 44 ]**

**Manufacturer:** Fujitsu  
**Required Adapter:** [SOP44-DIP40-UCP](#)  
**Variants:** MBM29LV800BA-12PF, MBM29LV800BA-70PF, MBM29LV800BA-90PF

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**MBM29LV800BA [ TSOP 48 (12x20mm) ]**

**Manufacturer:** Fujitsu

**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** MBM29LV800BA-12PFTN, MBM29LV800BA-70PFTN, MBM29LV800BA-90PFTN

**MBM29LV800TA [ SOP 44 ]**

**Manufacturer:** Fujitsu

**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** MBM29LV800TA-12PF, MBM29LV800TA-70PF, MBM29LV800TA-90PF

**MBM29LV800TA [ TSOP 48 (12x20mm) ]**

**Manufacturer:** Fujitsu

**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** MBM29LV800TA-12PFTN, MBM29LV800TA-70PFTN, MBM29LV800TA-90PFTN



## General (GI)

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

**Manufacturer:** General (GI)

**Required Adapter:** None

**Variants:** 27128-20

## 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

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**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

### 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

### HN27C1024 [ DIP 40 ]

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** None

**Variants:** HN27C1024G-10, HN27C1024G-12, HN27C1024G-15, HN27C1024G-85

### HN27C1024 [ PLCC 44 ]

**Manufacturer:** Hitachi Semiconductor

**Required Adapter:** [PLCC44-DIP40](#)

**Variants:** HN27C1024CC-10, HN27C1024CC-12, HN27C1024CC-15, HN27C1024CC-85, HN27C1024CP-10, HN27C1024CP-12, HN27C1024CP-15

### 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

Image not found.

## Holtek

### HT27C512 [ DIP 28 ]

**Manufacturer:** Holtek  
**Required Adapter:** None  
**Variants:** HT27C512-

### HT27C512 [ PLCC 32 ]

**Manufacturer:** Holtek  
**Required Adapter:** [PLCC32-DIP28](#)  
**Variants:** HT27C512-

# Hynix

## HY29F800BB [ SOP 44 ]

**Manufacturer:** Hynix

**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** HY29F800BB-120SC, HY29F800BB-120SE, HY29F800BB-120SI, HY29F800BB-150SC, HY29F800BB-150SE, HY29F800BB-150SI, HY29F800BB-55SC, HY29F800BB-55SE, HY29F800BB-55SI, HY29F800BB-70SC, HY29F800BB-70SE, HY29F800BB-70SI, HY29F800BB-90SC, HY29F800BB-90SE, HY29F800BB-90SI

## HY29F800BB [ TSOP 48 (12x20mm) ]

**Manufacturer:** Hynix

**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** HY29F800BB-120EC, HY29F800BB-120EE, HY29F800BB-120EI, HY29F800BB-150EC, HY29F800BB-150EE, HY29F800BB-150EI, HY29F800BB-55EC, HY29F800BB-55EE, HY29F800BB-55EI, HY29F800BB-70EC, HY29F800BB-70EE, HY29F800BB-70EI, HY29F800BB-90EC, HY29F800BB-90EE, HY29F800BB-90EI

## HY29F800BT (8Bit) [ DIP 44 ]

**Manufacturer:** Hynix

**Required Adapter:** None

**Variants:** HY29F800BT-120SC, HY29F800BT-120SE, HY29F800BT-120SI, HY29F800BT-150SC, HY29F800BT-150SE, HY29F800BT-150SI, HY29F800BT-55SC, HY29F800BT-55SE, HY29F800BT-55SI, HY29F800BT-70SC, HY29F800BT-70SE, HY29F800BT-70SI, HY29F800BT-90SC, HY29F800BT-90SE, HY29F800BT-90SI

## HY29F800BT (8Bit) [ SOP 44 ]

**Manufacturer:** Hynix

**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** HY29F800BT-120SC, HY29F800BT-120SE, HY29F800BT-120SI, HY29F800BT-150SC, HY29F800BT-150SE, HY29F800BT-150SI, HY29F800BT-55SC, HY29F800BT-55SE, HY29F800BT-55SI, HY29F800BT-70SC, HY29F800BT-70SE, HY29F800BT-70SI, HY29F800BT-90SC, HY29F800BT-90SE, HY29F800BT-90SI

## HY29F800BT (8Bit) [ TSOP 48 (12x20mm) ]

**Manufacturer:** Hynix

**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** HY29F800BT-120EC, HY29F800BT-120EE, HY29F800BT-120EI, HY29F800BT-150EC, HY29F800BT-150EE, HY29F800BT-150EI, HY29F800BT-55EC, HY29F800BT-55EE, HY29F800BT-55EI, HY29F800BT-70EC, HY29F800BT-70EE, HY29F800BT-70EI, HY29F800BT-90EC, HY29F800BT-90EE, HY29F800BT-90EI

## Intel

### 27C512 [ DIP 28 ]

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

### 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

### 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

### 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



**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

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

Manufacturer: Intel

Required Adapter: None

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

**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

**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

**27C210 [ DIP 40 ]**

Manufacturer: Intel

Required Adapter: None

Variants: 27C210-120V10, 27C210-130V10, 27C210-150V10, 27C210-200V10

**27C210 [ PLCC 44 ]**

Manufacturer: Intel

Required Adapter: [PLCC44-DIP40](#)

Variants: 27C210-120V10, 27C210-130V10, 27C210-150V10, 27C210-200V10

**27C220 [ DIP 40 ]**

Manufacturer: Intel

Required Adapter: None

Variants: 27C220-150V10, 27C220-200V10

**27C220 [ PLCC 44 ]**

Manufacturer: Intel

Required Adapter: [PLCC44-DIP40](#)

Variants: 27C220-150V10, 27C220-200V10

**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

**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: None

Variants: A27C256-

**AD27C010 [ DIP 32 ]**

Manufacturer: Intel

Required Adapter: None

Variants: AD27C010-120V10, AD27C010-150V10, AD27C010-200V10

**AD27C256 [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: AD27C256-

**AD27C256 [ PLCC 32 ]**

Manufacturer: Intel

Required Adapter: None

Variants: AD27C256-

**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

**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

**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

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

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** C27128-25, C27128-3, C27128-30, C27128-4, C27128-45

**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

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

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** D2732A-2, D2732A-20, D2732A-25, D2732A-3, D2732A-30, D2732A-4

**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

**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

**D27C210 [ DIP 40 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** D27C210-120V10, D27C210-130V10, D27C210-150V10, D27C210-200V10

**D27C220 [ DIP 40 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** D27C220-150V10, D27C220-200V10

**D27C256 [ DIP 28 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** D27C256-

**D27C256 [ PLCC 32 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**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

**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

**ID2732A (21V) [ DIP 24 ]**

Manufacturer: Intel

Required Adapter: None

Variants: ID2732A-2, ID2732A-20, ID2732A-25, ID2732A-3, ID2732A-30, ID2732A-4

**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

**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

**LD2732A (21V) [ DIP 24 ]**

Manufacturer: Intel

Required Adapter: None

Variants: LD2732A-2, LD2732A-20, LD2732A-25, LD2732A-3, LD2732A-30, LD2732A-4

**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

**LD27C020 [ DIP 32 ]**

Manufacturer: Intel

Required Adapter: None

Variants: LD27C020-150V05, LD27C020-150V10, LD27C020-200V05, LD27C020-200V10

**LD27C210 [ DIP 40 ]**

Manufacturer: Intel

Required Adapter: None

Variants: LD27C210-120V10, LD27C210-130V10, LD27C210-150V10, LD27C210-200V10

**LD27C220 [ DIP 40 ]**

Manufacturer: Intel

Required Adapter: None

Variants: LD27C220-150V10, LD27C220-200V10

**LD27C256 [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** LD27C256-

**LD27C256 [ PLCC 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**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

**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

**M27C020 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** M27C020-150V05, M27C020-150V10, M27C020-200V05, M27C020-200V10

**MD27128A (12.5V) [ DIP 28 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** MD27128A-1, MD27128A-2, MD27128A-20, MD27128A-25, MD27128A-3, MD27128A-30

**MD2732A (21V) [ DIP 24 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** MD2732A-2, MD2732A-20, MD2732A-25, MD2732A-3, MD2732A-30, MD2732A-4

**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

**MD27C210 [ DIP 40 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** MD27C210-120V10, MD27C210-130V10, MD27C210-150V10, MD27C210-200V10

**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

**N27C210 [ PLCC 44 ]**

Manufacturer: Intel

Required Adapter: [PLCC44-DIP40](#)

Variants: N27C210-120V10, N27C210-130V10, N27C210-150V10, N27C210-200V10

**N27C220 [ PLCC 44 ]**

Manufacturer: Intel

Required Adapter: [PLCC44-DIP40](#)

Variants: N27C220-150V10, N27C220-200V10

**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

**P27128A (12.5V) [ DIP 28 ]**

Manufacturer: Intel

Required Adapter: None

Variants: P27128A-1, P27128A-2, P27128A-20, P27128A-25, P27128A-3, P27128A-30

**P2732A (21V) [ DIP 24 ]**

Manufacturer: Intel

Required Adapter: None

Variants: P2732A-2, P2732A-20, P2732A-25, P2732A-3, P2732A-30, P2732A-4

**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

**P27C220 [ DIP 40 ]**

Manufacturer: Intel

Required Adapter: None

Variants: P27C220-150V10, P27C220-200V10

**P28F512 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** P28F512-120, P28F512-150

**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

**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

**QD2732A (21V) [ DIP 24 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** QD2732A-2, QD2732A-20, QD2732A-25, QD2732A-3, QD2732A-30, QD2732A-4

**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

**QD27C020 [ DIP 32 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** QD27C020-150V05, QD27C020-150V10, QD27C020-200V05, QD27C020-200V10

**QD27C210 [ DIP 40 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** QD27C210-120V10, QD27C210-130V10, QD27C210-150V10, QD27C210-200V10

**QD27C220 [ DIP 40 ]**

**Manufacturer:** Intel  
**Required Adapter:** None  
**Variants:** QD27C220-150V10, QD27C220-200V10

**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

**QN87C257 [ PLCC 32 ]**

**Manufacturer:** Intel

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

**Variants:** QN87C257-120V10, QN87C257-200V10

**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

**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

**TD2732A (21V) [ DIP 24 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** TD2732A-2, TD2732A-20, TD2732A-25, TD2732A-3, TD2732A-30, TD2732A-4

**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

**TD27C020 [ DIP 32 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** TD27C020-150V05, TD27C020-150V10, TD27C020-200V05, TD27C020-200V10

**TD27C220 [ DIP 40 ]**

**Manufacturer:** Intel

**Required Adapter:** None

**Variants:** TD27C220-150V10, TD27C220-200V10

**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



### **TN27C010 [ PLCC 32 ]**

**Manufacturer:** Intel

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

**Variants:** TN27C010-120V10, TN27C010-150V10, TN27C010-200V10

### **TN28F512 [ PLCC 32 ]**

**Manufacturer:** Intel

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

**Variants:** TN28F512-120, TN28F512-150

### **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 01b - 29Fx00 (SOP44) [ SOP 44 ]

**Manufacturer:** Intern  
**Required Adapter:** [SOP44-DIP40-UCP](#)  
**Variants:** Autodetect01b-29Fx00Noextensions

### 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

## 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

### 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

**MX27C512 [ DIP 28 ]**

**Manufacturer:** Macronix

**Required Adapter:** None

**Variants:** MX27C512PC-10, MX27C512PC-12, MX27C512PC-15, MX27C512PC-45, MX27C512PC-55, MX27C512PC-70, MX27C512PC-90, MX27C512PI-10, MX27C512PI-12, MX27C512PI-15, MX27C512PI-45, MX27C512PI-55, MX27C512PI-70, MX27C512PI-90

**MX27C512 [ PLCC 32 ]**

**Manufacturer:** Macronix

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

**Variants:** MX27C512QC-10, MX27C512QC-12, MX27C512QC-15, MX27C512QC-45, MX27C512QC-55, MX27C512QC-70, MX27C512QC-90, MX27C512QI-10, 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-10, MX27C512TA-12, MX27C512TA-15, MX27C512TA-45, MX27C512TA-55, MX27C512TA-70, MX27C512TA-90, MX27C512TC-10, MX27C512TC-12, MX27C512TC-15, MX27C512TC-45, MX27C512TC-55, MX27C512TC-70, MX27C512TC-90, MX27C512TI-10, 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

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**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**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



## Microchip

### 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, 27C256-10SO, 27C256-12ESO, 27C256-12ISO, 27C256-12SO, 27C256-15ESO, 27C256-15ISO, 27C256-15SO, 27C256-20ESO, 27C256-20ISO, 27C256-20SO, 27C256-90ESO, 27C256-90ISO, 27C256-90SO

### 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

### 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

### 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

## 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

### M5M27C101K [ DIP 32 ]

**Manufacturer:** Mitsubishi

**Required Adapter:** None

**Variants:** M5M27C101K-12, M5M27C101K-15

### M5M27C102K [ DIP 40 ]

**Manufacturer:** Mitsubishi

**Required Adapter:** None

**Variants:** M5M27C102K-12, M5M27C102K-15

### M5M27C201K [ DIP 32 ]

**Manufacturer:** Mitsubishi

**Required Adapter:** None

**Variants:** M5M27C201K-100B1, M5M27C201K-100B3, M5M27C201K-100B6, M5M27C201K-100F1, M5M27C201K-100F3, M5M27C201K-100F6, M5M27C201K-120B1, M5M27C201K-120B3, M5M27C201K-120B6, M5M27C201K-120F1, M5M27C201K-120F3, M5M27C201K-120F6, M5M27C201K-150B1, M5M27C201K-150B3, M5M27C201K-150B6, M5M27C201K-150F1, M5M27C201K-150F3, M5M27C201K-150F6, M5M27C201K-200B1, M5M27C201K-200B3, M5M27C201K-200B6, M5M27C201K-200F1, M5M27C201K-200F3, M5M27C201K-200F6, M5M27C201K-45B1, M5M27C201K-45B3, M5M27C201K-45B6, M5M27C201K-45F1, M5M27C201K-45F3, M5M27C201K-45F6, M5M27C201K-70B1, M5M27C201K-70B3, M5M27C201K-70B6, M5M27C201K-70F1, M5M27C201K-70F3, M5M27C201K-70F6, M5M27C201K-80B1, M5M27C201K-80B3, M5M27C201K-80B6, M5M27C201K-80F1, M5M27C201K-80F3, M5M27C201K-80F6, M5M27C201K-90B1, M5M27C201K-90B3, M5M27C201K-90B6, M5M27C201K-90F1, M5M27C201K-90F3, M5M27C201K-90F6

### M5M27C201K [ PLCC 32 ]

**Manufacturer:** Mitsubishi

**Required Adapter:** None

**Variants:** M5M27C201K-100C1, M5M27C201K-100C3, M5M27C201K-100C6, M5M27C201K-120C1, M5M27C201K-120C3, M5M27C201K-120C6, M5M27C201K-150C1, M5M27C201K-150C3, M5M27C201K-150C6, M5M27C201K-200C1, M5M27C201K-200C3, M5M27C201K-200C6, M5M27C201K-45C1, M5M27C201K-45C3, M5M27C201K-45C6, M5M27C201K-70C1, M5M27C201K-70C3, M5M27C201K-70C6, M5M27C201K-80C1, M5M27C201K-80C3, M5M27C201K-80C6, M5M27C201K-90C1, M5M27C201K-90C3, M5M27C201K-90C6

### 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

## NEC

### D27128D (21V) [ DIP 28 ]

**Manufacturer:** NEC

**Required Adapter:** None

**Variants:** D27128D-2, D27128D-20, D27128D-3, D27128D-4

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

**Manufacturer:** NEC

**Required Adapter:** None

**Variants:** D2732A-2

### 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

### D27C1024 [ DIP 40 ]

**Manufacturer:** NEC

**Required Adapter:** None

**Variants:** D27C1024-10B1, D27C1024-10B3, D27C1024-10B6, D27C1024-10B7, D27C1024-10F1, D27C1024-10F3, D27C1024-10F6, D27C1024-10F7, D27C1024-12B1, D27C1024-12B3, D27C1024-12B6, D27C1024-12B7, D27C1024-12F1, D27C1024-12F3, D27C1024-12F6, D27C1024-12F7, D27C1024-15B1, D27C1024-15B3, D27C1024-15B6, D27C1024-15B7, D27C1024-15F1, D27C1024-15F3, D27C1024-15F6, D27C1024-15F7, D27C1024-20B1, D27C1024-20B3, D27C1024-20B6, D27C1024-20B7, D27C1024-20F1, D27C1024-20F3, D27C1024-20F6, D27C1024-20F7, D27C1024-35B1, D27C1024-35B3, D27C1024-35B6, D27C1024-35B7, D27C1024-35F1, D27C1024-35F3, D27C1024-35F6, D27C1024-35F7, D27C1024-45B1, D27C1024-45B3, D27C1024-45B6, D27C1024-45B7, D27C1024-45F1, D27C1024-45F3, D27C1024-45F6, D27C1024-45F7, D27C1024-55B1, D27C1024-55B3, D27C1024-55B6, D27C1024-55B7, D27C1024-55F1, D27C1024-55F3, D27C1024-55F6, D27C1024-55F7, D27C1024-70B1, D27C1024-70B3, D27C1024-70B6, D27C1024-70B7, D27C1024-70F1, D27C1024-70F3, D27C1024-70F6, D27C1024-70F7, D27C1024-80B1, D27C1024-80B3, D27C1024-80B6, D27C1024-80B7, D27C1024-80F1, D27C1024-80F3, D27C1024-80F6, D27C1024-80F7, D27C1024-90B1, D27C1024-90B3, D27C1024-90B6, D27C1024-90B7, D27C1024-90F1, D27C1024-90F3, D27C1024-90F6, D27C1024-90F7

### D27C1024 [ PLCC 44 ]

**Manufacturer:** NEC

**Required Adapter:** [PLCC44-DIP40](#)

**Variants:** D27C1024-10C1, D27C1024-10C3, D27C1024-10C6, D27C1024-10C7, D27C1024-12C1, D27C1024-12C3, D27C1024-12C6, D27C1024-12C7, D27C1024-15C1, D27C1024-15C3, D27C1024-15C6, D27C1024-15C7, D27C1024-20C1, D27C1024-20C3, D27C1024-20C6, D27C1024-20C7, D27C1024-35C1, D27C1024-35C3, D27C1024-35C6, D27C1024-35C7, D27C1024-45C1, D27C1024-45C3, D27C1024-45C6, D27C1024-45C7, D27C1024-55C1, D27C1024-55C3, D27C1024-55C6, D27C1024-55C7, D27C1024-70C1, D27C1024-70C3, D27C1024-70C6, D27C1024-70C7, D27C1024-80C1, D27C1024-80C3, D27C1024-80C6, D27C1024-80C7, D27C1024-90C1, D27C1024-90C3, D27C1024-90C6, D27C1024-90C7

### D27C1024 [ TSOP 40 (10x14mm) ]

**Manufacturer:** NEC

**Required Adapter:** [TSOP40\(10x14mm\)-DIP40](#)

**Variants:** D27C1024-10N1, D27C1024-10N3, D27C1024-10N6, D27C1024-10N7, D27C1024-12N1, D27C1024-12N3, D27C1024-12N6, D27C1024-12N7, D27C1024-15N1, D27C1024-15N3, D27C1024-15N6, D27C1024-15N7, D27C1024-20N1, D27C1024-20N3, D27C1024-20N6, D27C1024-20N7, D27C1024-35N1, D27C1024-35N3, D27C1024-35N6, D27C1024-35N7, D27C1024-45N1, D27C1024-45N3, D27C1024-45N6, D27C1024-45N7, D27C1024-55N1, D27C1024-55N3, D27C1024-55N6, D27C1024-55N7, D27C1024-70N1, D27C1024-70N3, D27C1024-70N6, D27C1024-70N7, D27C1024-80N1, D27C1024-80N3, D27C1024-80N6, D27C1024-80N7, D27C1024-90N1, D27C1024-90N3, D27C1024-90N6, D27C1024-90N7

## 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 [ DIP 28 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NM27C512N120, NM27C512N150, NM27C512N200, NM27C512N90, NM27C512NE120, NM27C512NE150, NM27C512NE200, NM27C512NE90, NM27C512Q120, NM27C512Q150, NM27C512Q200, NM27C512Q90, NM27C512QE120, NM27C512QE150, NM27C512QE200, NM27C512QE90, NM27C512QM200**NM27C512 [ PLCC 32 ]****Manufacturer:** National**Required Adapter:** [PLCC32-DIP28](#)**Variants:** NM27C512V120, NM27C512V150, NM27C512V200, NM27C512V90, NM27C512VE120, NM27C512VE150, NM27C512VE200, NM27C512VE90**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**NMC27C256 [ DIP 28 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NMC27C256Q17, NMC27C256Q20, NMC27C256Q200, NMC27C256Q25, NMC27C256Q250, NMC27C256Q300, NMC27C256QE200, NMC27C256QE250, NMC27C256QM250, NMC27C256QM350**NMC27C64 [ DIP 28 ]****Manufacturer:** National**Required Adapter:** None**Variants:** NMC27C64Q15, NMC27C64Q150, NMC27C64Q200, NMC27C64Q250, NMC27C64Q300, NMC27C64QE150, NMC27C64QE200, NMC27C64QM150, NMC27C64QM200, NMC27C64QM250

## 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

### PM39F020 [ DIP 32 ]

Manufacturer: PMC

Required Adapter: None

Variants: PM39F020-55PC, PM39F020-55PCE, PM39F020-70PC, PM39F020-70PCE

### PM39F020 [ PLCC 32 ]

Manufacturer: PMC

Required Adapter: [PLCC32-DIP32](#)

Variants: PM39F020-55JC, PM39F020-55JCE, PM39F020-70JC, PM39F020-70JCE

### PM39F020 [ TSOP 32 (8x14mm) ]

Manufacturer: PMC

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

Variants: PM39F020-55VC, PM39F020-55VCE, PM39F020-70VC, PM39F020-70VCE

### PM39F040 [ DIP 32 ]

Manufacturer: PMC

Required Adapter: None

Variants: PM39F040-55PC, PM39F040-55PCE, PM39F040-70PC, PM39F040-70PCE

### PM39F040 [ PLCC 32 ]

Manufacturer: PMC

Required Adapter: [PLCC32-DIP32](#)

Variants: PM39F040-55JC, PM39F040-55JCE, PM39F040-70JC, PM39F040-70JCE

### PM39F040 [ TSOP 32 (8x14mm) ]

Manufacturer: PMC

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

Variants: PM39F040-55VC, PM39F040-55VCE, PM39F040-70VC, PM39F040-70VCE

### PM49FL002T [ PLCC 32 ]

Manufacturer: PMC

Required Adapter: [PLCC32-DIP32](#)

Variants: PM49FL002T-33JC, PM49FL002T-33JCE

### PM49FL002T [ TSOP 32 (8x14mm) ]

Manufacturer: PMC

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

Variants: PM49FL002T-33VC, PM49FL002T-33VCE

### PM49FL004T [ PLCC 32 ]

Manufacturer: PMC

Required Adapter: [PLCC32-DIP32](#)

Variants: PM49FL004T-33JC, PM49FL004T-33JCE

### PM49FL004T [ TSOP 32 (8x14mm) ]

Manufacturer: PMC

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

Variants: PM49FL004T-33VC, PM49FL004T-33VCE

## PTC

### **PM39F010 [ DIP 32 ]**

**Manufacturer:** PTC

**Required Adapter:** None

**Variants:** PM39F010-55PC, PM39F010-55PCE, PM39F010-70PC, PM39F010-70PCE

### **PM39F010 [ PLCC 32 ]**

**Manufacturer:** PTC

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

**Variants:** PM39F010-55JC, PM39F010-55JCE, PM39F010-70JC, PM39F010-70JCE

### **PM39F010 [ TSOP 32 (8x14mm) ]**

**Manufacturer:** PTC

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

**Variants:** PM39F010-55VC, PM39F010-55VCE, PM39F010-70VC, PM39F010-70VCE

## 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



## 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

### 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

**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

**SST39LF010 [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST39LF010-45-4C-NH, SST39LF010-45-4C-NHE

**SST39LF010 [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST39LF010-45-4C-WH, SST39LF010-45-4C-WHE

**SST39LF020 [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST39LF020-45-4C-NH, SST39LF020-45-4C-NHE, SST39LF020-55-4C-NH, SST39LF020-55-4C-NHE

**SST39LF020 [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST39LF020-45-4C-WH, SST39LF020-45-4C-WHE, SST39LF020-55-4C-WH, SST39LF020-55-4C-WHE

**SST39LF040 [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST39LF040-45-4C-NH, SST39LF040-45-4C-NHE, SST39LF040-55-4C-NH, SST39LF040-55-4C-NHE

**SST39LF040 [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST39LF040-45-4C-WH, SST39LF040-45-4C-WHE, SST39LF040-55-4C-WH, SST39LF040-55-4C-WHE

**SST39LF512 [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST39LF512-45-4C-NH, SST39LF512-45-4C-NHE

**SST39LF512 [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST39LF512-45-4C-WH, SST39LF512-45-4C-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

**SST39SF020A [ DIP 32 ]**

Manufacturer: SST

Required Adapter: None

Variants: SST39SF020A-70-4C-PH, SST39SF020A-70-4C-PHE

**SST39SF020A [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST39SF020A-45-4C-NH, SST39SF020A-45-4C-NHE, SST39SF020A-45-4I-NH, SST39SF020A-45-4I-NHE, SST39SF020A-70-4C-NH, SST39SF020A-70-4C-NHE, SST39SF020A-70-4I-NH, SST39SF020A-70-4I-NHE

**SST39SF020A [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST39SF020A-45-4C-WH, SST39SF020A-45-4C-WHE, SST39SF020A-45-4I-WH, SST39SF020A-45-4I-WHE, SST39SF020A-70-4C-WH, SST39SF020A-70-4C-WHE, SST39SF020A-70-4I-WH, SST39SF020A-70-4I-WHE

**SST39SF040 [ DIP 32 ]**

Manufacturer: SST

Required Adapter: None

Variants: SST39SF040-70-4C-PH, SST39SF040-70-4C-PHE

**SST39SF040 [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST39SF040-45-4C-NH, SST39SF040-45-4C-NHE, SST39SF040-45-4I-NH, SST39SF040-45-4I-NHE, SST39SF040-70-4C-NH, SST39SF040-70-4C-NHE, SST39SF040-70-4I-NH, SST39SF040-70-4I-NHE

**SST39SF040 [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST39SF040-45-4C-WH, SST39SF040-45-4C-WHE, SST39SF040-45-4I-WH, SST39SF040-45-4I-WHE, SST39SF040-70-4C-WH, SST39SF040-70-4C-WHE, SST39SF040-70-4I-WH, SST39SF040-70-4I-WHE

**SST39SF512 [ DIP 32 ]**

Manufacturer: SST

Required Adapter: None

Variants: SST39SF512-70-4C-PH, SST39SF512-70-4C-PHE, SST39SF512-90-4C-PH, SST39SF512-90-4C-PHE

**SST39SF512 [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST39SF512-70-4C-NH, SST39SF512-70-4I-NH, SST39SF512-90-4C-NH, SST39SF512-90-4I-NH

**SST39SF512 [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST39SF512-70-4C-WH, SST39SF512-70-4I-WH, SST39SF512-90-4C-WH, SST39SF512-90-4I-WH

**SST39VF010 [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST39VF010-70-4C-NH, SST39VF010-70-4C-NHE, SST39VF010-70-4I-NH, SST39VF010-70-4I-NHE, SST39VF010-90-4C-NH, SST39VF010-90-4C-NHE, SST39VF010-90-4I-NH, SST39VF010-90-4I-NHE

**SST39VF010 [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST39VF010-70-4C-WH, SST39VF010-70-4C-WHE, SST39VF010-70-4I-WH, SST39VF010-70-4I-WHE, SST39VF010-90-4C-WH, SST39VF010-90-4C-WHE, SST39VF010-90-4I-WH, SST39VF010-90-4I-WHE

**SST39VF020 [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST39VF020-70-4C-NH, SST39VF020-70-4C-NHE, SST39VF020-70-4I-NH, SST39VF020-70-4I-NHE, SST39VF020-90-4C-NH, SST39VF020-90-4C-NHE, SST39VF020-90-4I-NH, SST39VF020-90-4I-NHE

**SST39VF020 [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST39VF020-70-4C-WH, SST39VF020-70-4C-WHE, SST39VF020-70-4I-WH, SST39VF020-70-4I-WHE, SST39VF020-90-4C-WH, SST39VF020-90-4C-WHE, SST39VF020-90-4I-WH, SST39VF020-90-4I-WHE

**SST39VF040 [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST39VF040-70-4C-NH, SST39VF040-70-4C-NHE, SST39VF040-70-4I-NH, SST39VF040-70-4I-NHE, SST39VF040-90-4C-NH, SST39VF040-90-4C-NHE, SST39VF040-90-4I-NH, SST39VF040-90-4I-NHE

**SST39VF040 [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST39VF040-70-4C-WH, SST39VF040-70-4C-WHE, SST39VF040-70-4I-WH, SST39VF040-70-4I-WHE, SST39VF040-90-4C-WH, SST39VF040-90-4C-WHE, SST39VF040-90-4I-WH, SST39VF040-90-4I-WHE

**SST39VF512 [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST39VF512-70-4C-NH, SST39VF512-70-4C-NHE, SST39VF512-70-4I-NH, SST39VF512-70-4I-NHE, SST39VF512-90-4C-NH, SST39VF512-90-4C-NHE, SST39VF512-90-4I-NH, SST39VF512-90-4I-NHE

**SST39VF512 [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST39VF512-70-4C-WH, SST39VF512-70-4C-WHE, SST39VF512-70-4I-WH, SST39VF512-70-4I-WHE, SST39VF512-90-4C-WH, SST39VF512-90-4C-WHE, SST39VF512-90-4I-WH, SST39VF512-90-4I-WHE

**SST49LF002A [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST49LF002A-33-4C-NH, SST49LF002A-33-4C-NHE

**SST49LF002A [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST49LF002A-33-4C-WH, SST49LF002A-33-4C-WHE

**SST49LF003A [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST49LF003A-33-4C-NH, SST49LF003A-33-4C-NHE

**SST49LF003A [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST49LF003A-33-4C-WH, SST49LF003A-33-4C-WHE

**SST49LF004B [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST49LF004B-33-4C-NH, SST49LF004B-33-4C-NHE

**SST49LF004B [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST49LF004B-33-4C-WH, SST49LF004B-33-4C-WHE

**SST49LF008A [ DIP 48 ]**

Manufacturer: SST

Required Adapter: None

Variants: SST49LF008A-33-4C-EI, SST49LF008A-33-4C-EIE

**SST49LF008A [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST49LF008A-33-4C-NH, SST49LF008A-33-4C-NHE

**SST49LF008A [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST49LF008A-33-4C-WH, SST49LF008A-33-4C-WHE

**SST49LF008A [ TSOP 40 (10x20mm) ]**

Manufacturer: SST

Required Adapter: [TSOP40\(10x20mm\)-DIP40](#)

Variants: SST49LF008A-33-4C-EI, SST49LF008A-33-4C-EIE

**SST49LF020 [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST49LF020-33-4C-NH

**SST49LF020 [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST49LF020-33-4C-WH

**SST49LF020A [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST49LF020A-33-4C-NH, SST49LF020A-33-4C-NHE

**SST49LF020A [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST49LF020A-33-4C-WH, SST49LF020A-33-4C-WHE

**SST49LF040 [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST49LF040-33-4C-NH

**SST49LF040 [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST49LF040-33-4C-WH

**SST49LF040B [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST49LF040B-33-4C-NH, SST49LF040B-33-4C-NHE

**SST49LF040B [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST49LF040B-33-4C-WH, SST49LF040B-33-4C-WHE

**SST49LF080A [ PLCC 32 ]**

Manufacturer: SST

Required Adapter: [PLCC32-DIP32](#)

Variants: SST49LF080A-33-4C-NH, SST49LF080A-33-4C-NHE

**SST49LF080A [ TSOP 32 (8x14mm) ]**

Manufacturer: SST

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

Variants: SST49LF080A-33-4C-WH, SST49LF080A-33-4C-WHE

## ST (SGS Thomson)

### 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

### 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

### 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

### M27C1024 [ DIP 40 ]

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** None

**Variants:** M27C1024-10B1, M27C1024-10B3, M27C1024-10B6, M27C1024-10B7, M27C1024-10F1, M27C1024-10F3, M27C1024-10F6, M27C1024-10F7, M27C1024-12B1, M27C1024-12B3, M27C1024-12B6, M27C1024-12B7, M27C1024-12F1, M27C1024-12F3, M27C1024-12F6, M27C1024-12F7, M27C1024-15B1, M27C1024-15B3, M27C1024-15B6, M27C1024-15B7, M27C1024-15F1, M27C1024-15F3, M27C1024-15F6, M27C1024-15F7, M27C1024-20B1, M27C1024-20B3, M27C1024-20B6, M27C1024-20B7, M27C1024-20F1, M27C1024-20F3, M27C1024-20F6, M27C1024-20F7, M27C1024-35B1, M27C1024-35B3, M27C1024-35B6, M27C1024-35B7, M27C1024-35F1, M27C1024-35F3, M27C1024-35F6, M27C1024-35F7, M27C1024-45B1, M27C1024-45B3, M27C1024-45B6, M27C1024-45B7, M27C1024-45F1, M27C1024-45F3, M27C1024-45F6, M27C1024-45F7, M27C1024-55B1, M27C1024-55B3, M27C1024-55B6, M27C1024-55B7, M27C1024-55F1, M27C1024-55F3, M27C1024-55F6, M27C1024-55F7, M27C1024-70B1, M27C1024-70B3, M27C1024-70B6, M27C1024-70B7, M27C1024-70F1, M27C1024-70F3, M27C1024-70F6, M27C1024-70F7, M27C1024-80B1, M27C1024-80B3, M27C1024-80B6, M27C1024-80B7, M27C1024-80F1, M27C1024-80F3, M27C1024-80F6, M27C1024-80F7, M27C1024-90B1, M27C1024-90B3, M27C1024-90B6, M27C1024-90B7, M27C1024-90F1, M27C1024-90F3, M27C1024-90F6, M27C1024-90F7

**M27C1024 [ PLCC 44 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC44-DIP40](#)**Variants:** M27C1024-10C1, M27C1024-10C3, M27C1024-10C6, M27C1024-10C7, M27C1024-12C1, M27C1024-12C3, M27C1024-12C6, M27C1024-12C7, M27C1024-15C1, M27C1024-15C3, M27C1024-15C6, M27C1024-15C7, M27C1024-20C1, M27C1024-20C3, M27C1024-20C6, M27C1024-20C7, M27C1024-35C1, M27C1024-35C3, M27C1024-35C6, M27C1024-35C7, M27C1024-45C1, M27C1024-45C3, M27C1024-45C6, M27C1024-45C7, M27C1024-55C1, M27C1024-55C3, M27C1024-55C6, M27C1024-55C7, M27C1024-70C1, M27C1024-70C3, M27C1024-70C6, M27C1024-70C7, M27C1024-80C1, M27C1024-80C3, M27C1024-80C6, M27C1024-80C7, M27C1024-90C1, M27C1024-90C3, M27C1024-90C6, M27C1024-90C7**M27C1024 [ TSOP 40 (10x14mm) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [TSOP40\(10x14mm\)-DIP40](#)**Variants:** M27C1024-10N1, M27C1024-10N3, M27C1024-10N6, M27C1024-10N7, M27C1024-12N1, M27C1024-12N3, M27C1024-12N6, M27C1024-12N7, M27C1024-15N1, M27C1024-15N3, M27C1024-15N6, M27C1024-15N7, M27C1024-20N1, M27C1024-20N3, M27C1024-20N6, M27C1024-20N7, M27C1024-35N1, M27C1024-35N3, M27C1024-35N6, M27C1024-35N7, M27C1024-45N1, M27C1024-45N3, M27C1024-45N6, M27C1024-45N7, M27C1024-55N1, M27C1024-55N3, M27C1024-55N6, M27C1024-55N7, M27C1024-70N1, M27C1024-70N3, M27C1024-70N6, M27C1024-70N7, M27C1024-80N1, M27C1024-80N3, M27C1024-80N6, M27C1024-80N7, M27C1024-90N1, M27C1024-90N3, M27C1024-90N6, M27C1024-90N7**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**M27C202 [ DIP 40 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M27C202-100B1, M27C202-100B3, M27C202-100B6, M27C202-100F1, M27C202-100F3, M27C202-100F6, M27C202-120B1, M27C202-120B3, M27C202-120B6, M27C202-120F1, M27C202-120F3, M27C202-120F6, M27C202-150B1, M27C202-150B3, M27C202-150B6, M27C202-150F1, M27C202-150F3, M27C202-150F6, M27C202-200B1, M27C202-200B3, M27C202-200B6, M27C202-200F1, M27C202-200F3, M27C202-200F6, M27C202-45B1, M27C202-45B3, M27C202-45B6, M27C202-45F1, M27C202-45F3, M27C202-45F6, M27C202-70B1, M27C202-70B3, M27C202-70B6, M27C202-70F1, M27C202-70F3, M27C202-70F6, M27C202-80B1, M27C202-80B3, M27C202-80B6, M27C202-80F1, M27C202-80F3, M27C202-80F6, M27C202-90B1, M27C202-90B3, M27C202-90B6, M27C202-90F1, M27C202-90F3, M27C202-90F6**M27C202 [ PLCC 44 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [PLCC44-DIP40](#)**Variants:** M27C202-100C1, M27C202-100C3, M27C202-100C6, M27C202-120C1, M27C202-120C3, M27C202-120C6, M27C202-150C1, M27C202-150C3, M27C202-150C6, M27C202-200C1, M27C202-200C3, M27C202-200C6, M27C202-45C1, M27C202-45C3, M27C202-45C6, M27C202-70C1, M27C202-70C3, M27C202-70C6, M27C202-80C1, M27C202-80C3, M27C202-80C6, M27C202-90C1, M27C202-90C3, M27C202-90C6**M27C202 [ TSOP 40 (10x14mm) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [TSOP40\(10x14mm\)-DIP40](#)**Variants:** M27C202-100N1, M27C202-100N3, M27C202-100N6, M27C202-120N1, M27C202-120N3, M27C202-120N6, M27C202-150N1, M27C202-150N3, M27C202-150N6, M27C202-200N1, M27C202-200N3, M27C202-200N6, M27C202-45N1, M27C202-45N3, M27C202-45N6, M27C202-70N1, M27C202-70N3, M27C202-70N6, M27C202-80N1, M27C202-80N3, M27C202-80N6, M27C202-90N1, M27C202-90N3, M27C202-90N6



**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**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

**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**M29F100B [ SOP 44 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [SOP44-DIP40-UCP](#)**Variants:** M29F100B-120M1, M29F100B-120M3, M29F100B-120M6, M29F100B-70M1, M29F100B-70M3, M29F100B-70M6, M29F100B-90M1, M29F100B-90M3, M29F100B-90M6**M29F100B [ TSOP 48 (12x20mm) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)**Variants:** M29F100B-120N1, M29F100B-120N3, M29F100B-120N6, M29F100B-70N1, M29F100B-70N3, M29F100B-70N6, M29F100B-90N1, M29F100B-90N3, M29F100B-90N6**M29F100T [ SOP 44 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [SOP44-DIP40-UCP](#)**Variants:** M29F100T-120M1, M29F100T-120M3, M29F100T-120M6, M29F100T-70M1, M29F100T-70M3, M29F100T-70M6, M29F100T-90M1, M29F100T-90M3, M29F100T-90M6**M29F100T [ TSOP 48 (12x20mm) ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)**Variants:** M29F100T-120N1, M29F100T-120N3, M29F100T-120N6, M29F100T-70N1, M29F100T-70N3, M29F100T-70N6, M29F100T-90N1, M29F100T-90N3, M29F100T-90N6

**M29F200BB [ SOP 44 ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** M29F200BB-45M1, M29F200BB-45M3, M29F200BB-45M6, M29F200BB-55M1, M29F200BB-55M3, M29F200BB-55M6, M29F200BB-70M1, M29F200BB-70M3, M29F200BB-70M6, M29F200BB-90M1, M29F200BB-90M3, M29F200BB-90M6

**M29F200BB [ TSOP 48 (12x20mm) ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** M29F200BB-45N1, M29F200BB-45N3, M29F200BB-45N6, M29F200BB-55N1, M29F200BB-55N3, M29F200BB-55N6, M29F200BB-70N1, M29F200BB-70N3, M29F200BB-70N6, M29F200BB-90N1, M29F200BB-90N3, M29F200BB-90N6

**M29F200BT [ SOP 44 ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** M29F200BT-45M1, M29F200BT-45M3, M29F200BT-45M6, M29F200BT-55M1, M29F200BT-55M3, M29F200BT-55M6, M29F200BT-70M1, M29F200BT-70M3, M29F200BT-70M6, M29F200BT-90M1, M29F200BT-90M3, M29F200BT-90M6

**M29F200BT [ TSOP 48 (12x20mm) ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** M29F200BT-45N1, M29F200BT-45N3, M29F200BT-45N6, M29F200BT-55N1, M29F200BT-55N3, M29F200BT-55N6, M29F200BT-70N1, M29F200BT-70N3, M29F200BT-70N6, M29F200BT-90N1, M29F200BT-90N3, M29F200BT-90N6

**M29F400BB [ SOP 44 ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** M29F400BB-45M1, M29F400BB-45M3, M29F400BB-45M6, M29F400BB-55M1, M29F400BB-55M3, M29F400BB-55M6, M29F400BB-70M1, M29F400BB-70M3, M29F400BB-70M6, M29F400BB-90M1, M29F400BB-90M3, M29F400BB-90M6

**M29F400BB [ TSOP 48 (12x20mm) ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** M29F400BB-45N1, M29F400BB-45N3, M29F400BB-45N6, M29F400BB-55N1, M29F400BB-55N3, M29F400BB-55N6, M29F400BB-70N1, M29F400BB-70N3, M29F400BB-70N6, M29F400BB-90N1, M29F400BB-90N3, M29F400BB-90N6

**M29F400BT [ SOP 44 ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** M29F400BT-45M1, M29F400BT-45M3, M29F400BT-45M6, M29F400BT-55M1, M29F400BT-55M3, M29F400BT-55M6, M29F400BT-70M1, M29F400BT-70M3, M29F400BT-70M6, M29F400BT-90M1, M29F400BT-90M3, M29F400BT-90M6

**M29F400BT [ TSOP 48 (12x20mm) ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** M29F400BT-45N1, M29F400BT-45N3, M29F400BT-45N6, M29F400BT-55N1, M29F400BT-55N3, M29F400BT-55N6, M29F400BT-70N1, M29F400BT-70N3, M29F400BT-70N6, M29F400BT-90N1, M29F400BT-90N3, M29F400BT-90N6

**M29F800AB [ SOP 44 ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** M29F800AB-70M1, M29F800AB-70M3, M29F800AB-70M6, M29F800AB-90M1, M29F800AB-90M3, M29F800AB-90M6

**M29F800AB [ TSOP 48 (12x20mm) ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** M29F800AB-70N1, M29F800AB-70N3, M29F800AB-70N6, M29F800AB-90N1, M29F800AB-90N3, M29F800AB-90N6

**M29F800AT [ SOP 44 ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** M29F800AT-70M1, M29F800AT-70M3, M29F800AT-70M6, M29F800AT-90M1, M29F800AT-90M3, M29F800AT-90M6

**M29F800AT [ TSOP 48 (12x20mm) ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** M29F800AT-70N1, M29F800AT-70N3, M29F800AT-70N6, M29F800AT-90N1, M29F800AT-90N3, M29F800AT-90N6

**M29F800DB [ SOP 44 ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** M29F800DB-55M1, M29F800DB-55M6, M29F800DB-70M1, M29F800DB-70M6, M29F800DB-90M1, M29F800DB-90M6

**M29F800DB [ TSOP 48 (12x20mm) ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** M29F800DB-55N1, M29F800DB-55N6, M29F800DB-70N1, M29F800DB-70N6, M29F800DB-90N1, M29F800DB-90N6

**M29F800DT [ SOP 44 ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [SOP44-DIP40-UCP](#)

**Variants:** M29F800DT-55M1, M29F800DT-55M6, M29F800DT-70M1, M29F800DT-70M6, M29F800DT-90M1, M29F800DT-90M6

**M29F800DT [ TSOP 48 (12x20mm) ]**

**Manufacturer:** ST (SGS Thomson)

**Required Adapter:** [TSOP48\(12x20mm\)-DIP40-UCP](#)

**Variants:** M29F800DT-55N1, M29F800DT-55N6, M29F800DT-70N1, M29F800DT-70N6, M29F800DT-90N1, M29F800DT-90N6

**M29W010B [ PLCC 32 ]**

**Manufacturer:** ST (SGS Thomson)

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

**Variants:** M29W010B-45K1, M29W010B-45K6, M29W010B-55K1, M29W010B-55K6, M29W010B-70K1, M29W010B-70K6, M29W010B-90K1, M29W010B-90K6

**M29W010B [ TSOP 32 (8x20mm) ]**

**Manufacturer:** ST (SGS Thomson)

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

**Variants:** M29W010B-45N1, M29W010B-45N6, M29W010B-55N1, M29W010B-55N6, M29W010B-70N1, M29W010B-70N6, M29W010B-90N1, M29W010B-90N6

**M29W040B [ PLCC 32 ]**

**Manufacturer:** ST (SGS Thomson)

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

**Variants:** M29W040B-120K1, M29W040B-120K6, M29W040B-55K1, M29W040B-55K6, M29W040B-70K1, M29W040B-70K6, M29W040B-90K1, M29W040B-90K6

**M29W040B [ TSOP 32 (8x14mm) ]**

**Manufacturer:** ST (SGS Thomson)

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

**Variants:** M29W040B-120NZ1, M29W040B-120NZ6, M29W040B-55NZ1, M29W040B-55NZ6, M29W040B-70NZ1, M29W040B-70NZ6, M29W040B-90NZ1, M29W040B-90NZ6

**M29W040B [ TSOP 32 (8x20mm) ]**

**Manufacturer:** ST (SGS Thomson)

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

**Variants:** M29W040B-120N1, M29W040B-120N6, M29W040B-55N1, M29W040B-55N6, M29W040B-70N1, M29W040B-70N6, M29W040B-90N1, M29W040B-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

**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

**M48Z128 [ DIP 32 ]****Manufacturer:** ST (SGS Thomson)**Required Adapter:** None**Variants:** M48Z128-120PM1, M48Z128-85PM1, M48Z128Y-120PM1, M48Z128Y-85PM1**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**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



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**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

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## Samsung

### **KM28C16 [ DIP 24 ]**

**Manufacturer:** Samsung

**Required Adapter:** None

**Variants:** KM28C16-15, KM28C16-20, KM28C16-25, KM28C16I5, KM28C16I20, KM28C16I25

## 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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## Sharp

**LH52256CN [ SOIC 28 (450mil) ]**

**Manufacturer:** Sharp

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

**Variants:** LH52256CN-10LL

## Texas Instruments

### SMJ27C040 [ DIP 32 ]

**Manufacturer:** Texas Instruments  
**Required Adapter:** None  
**Variants:** SMJ27C040-10, SMJ27C040-12, SMJ27C040-15

### 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

### TMS27C210A [ DIP 40 ]

**Manufacturer:** Texas Instruments  
**Required Adapter:** None  
**Variants:** TMS27C210A-10JE, TMS27C210A-10JL, TMS27C210A-12JE, TMS27C210A-12JL, TMS27C210A-15JE, TMS27C210A-15JL, TMS27C210A-20JE, TMS27C210A-20JL, TMS27C210A-25JE, TMS27C210A-25JL

### TMS27C210A [ PLCC 44 ]

**Manufacturer:** Texas Instruments  
**Required Adapter:** [PLCC44-DIP40](#)  
**Variants:** TMS27C210A-10FNE, TMS27C210A-10FNL, TMS27C210A-12FNE, TMS27C210A-12FNL, TMS27C210A-15FNE, TMS27C210A-15FNL, TMS27C210A-20FNE, TMS27C210A-20FNL, TMS27C210A-25FNE, TMS27C210A-25FNL

### 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

### 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

**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

**TMS27PC210A [ DIP 40 ]**

**Manufacturer:** Texas Instruments

**Required Adapter:** None

**Variants:** TMS27PC210A-10JE, TMS27PC210A-10JL, TMS27PC210A-12JE, TMS27PC210A-12JL, TMS27PC210A-15JE, TMS27PC210A-15JL, TMS27PC210A-20JE, TMS27PC210A-20JL, TMS27PC210A-25JE, TMS27PC210A-25JL

**TMS27PC210A [ PLCC 44 ]**

**Manufacturer:** Texas Instruments

**Required Adapter:** [PLCC44-DIP40](#)

**Variants:** TMS27PC210A-10FNE, TMS27PC210A-10FNL, TMS27PC210A-12FNE, TMS27PC210A-12FNL, TMS27PC210A-15FNE, TMS27PC210A-15FNL, TMS27PC210A-20FNE, TMS27PC210A-20FNL, TMS27PC210A-25FNE, TMS27PC210A-25FNL

**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, TMS27PC510-17FME, 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**TMS87C257 [ DIP 28 ]****Manufacturer:** Texas Instruments**Required Adapter:** None**Variants:** TMS87C257-150JL, TMS87C257-1JL, TMS87C257-2JL

## Toshiba

### **TC531024P(Read only) [ DIP 40 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TC531024P-12, TC531024P-15

### **TC571000D [ DIP 32 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TC571000D-100, TC571000D-20, TC571000D-25, TC571000D-85

### **TC574000D [ DIP 32 ]**

**Manufacturer:** Toshiba

**Required Adapter:** None

**Variants:** TC574000D-12, TC574000D-120, TC574000D-150



## 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

### 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

### 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

**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

**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

**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

**W39F010 [ DIP 32 ]**

Manufacturer: Winbond

Required Adapter: None

Variants: W39F010-70B, W39F010-90B

**W39F010 [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W39F010P-70B, W39F010P-70Z, W39F010P-90B, W39F010P-90Z

**W39F010 [ TSOP 32 (8x14mm) ]**

Manufacturer: Winbond

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

Variants: W39F010T-70B, W39F010T-70Z, W39F010T-90B, W39F010T-90Z

**W39V040A [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W39V040AP, W39V040APZ

**W39V040A [ TSOP 32 (8x14mm) ]**

Manufacturer: Winbond

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

Variants: W39V040AQ, W39V040AQZ

**W39V040B [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W39V040BP, W39V040BPZ

**W39V040B [ TSOP 32 (8x14mm) ]**

Manufacturer: Winbond

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

Variants: W39V040BQ, W39V040BQZ

**W39V040C [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W39V040CP, W39V040CPZ

**W39V040C [ TSOP 32 (8x14mm) ]**

Manufacturer: Winbond

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

Variants: W39V040CQ, W39V040CQZ

**W39V040FA [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W39V040FAP, W39V040FAPZ

**W39V040FA [ TSOP 32 (8x14mm) ]**

Manufacturer: Winbond

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

Variants: W39V040FAQ, W39V040FAQZ

**W39V040FB [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W39V040FBP, W39V040FBPZ

**W39V040FB [ TSOP 32 (8x14mm) ]**

Manufacturer: Winbond

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

Variants: W39V040FBQ, W39V040FBQZ

**W39V040FC [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W39V040FCP, W39V040FCPZ

**W39V040FC [ TSOP 32 (8x14mm) ]**

Manufacturer: Winbond

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

Variants: W39V040FCQ, W39V040FCQZ

**W39V080A [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W39V080AP, W39V080APZ

**W39V080A [ TSOP 32 (8x14mm) ]**

Manufacturer: Winbond

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

Variants: W39V080AQ, W39V080AQZ

**W39V080FA [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W39V080FAP, W39V080FAPZ

**W39V080FA [ TSOP 32 (8x14mm) ]**

Manufacturer: Winbond

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

Variants: W39V080FAQ, W39V080FAQZ

**W49F002U [ DIP 32 ]**

Manufacturer: Winbond

Required Adapter: None

Variants: W49F002U-12B, W49F002U-70B, W49F002U-90B

**W49F002U [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W49F002U-P12B, W49F002U-P70B, W49F002U-P90B

**W49F002U [ TSOP 32 (8x20mm) ]**

Manufacturer: Winbond

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

Variants: W49F002U-T12B, W49F002U-T70B, W49F002U-T90B

**W49V002A [ PLCC 32 ]**

Manufacturer: Winbond

Required Adapter: [PLCC32-DIP32](#)

Variants: W49V002AP

**W49V002A [ TSOP 32 (8x14mm) ]**

Manufacturer: Winbond

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

Variants: W49V002AQ

## Xicor

### 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