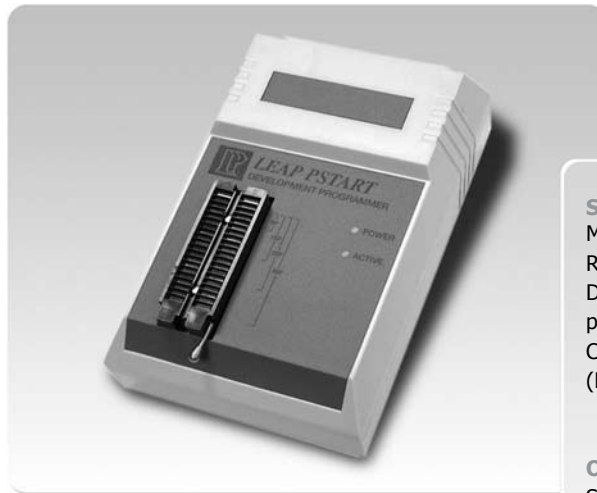# PSTART

Handy PIC IC Writer

Introduction

LEAP PSTART is a PIC device programmer manufacturered under lience from Microchip Technology. LEAP PSTART provides product development engineers with a highly-flexible and low-cost tool to design microcontrollers, such as PIC16C5X, PIC16CXX and PIC17CXX 8-bit one-time-programmable(OTP).LEAP PSTART development system works on any PC-compatible machine running under the Windows 2000/XP operating system. LEAP PSTART is easy to use, also features Microchip acclaimed MPLAB Integrated Development Environment with its built-in editor, assembler and Windows based MPLAB-SIM simulator. Sample software programs help the developer quickly get familiar with the LEAP PSTART development system and Microchip microcontroller families.

Features

- Support PIC 10/12/16/17/18 MCU.
- PSTART is manufactured under license from Microchip.
- Easy to program IC under MPLAB environment. Include built-in editor, assembler and simulator.
- All softwares work under Windows 2000/XP environment.
- Read, program, verify program code, data memory and parameter setting functions.
- Translate MPASM assembler language sources code to object code.
- MPLAB project can automatically download object file to PIC devices.
- MPLAB-SIM simulator can stimulate the design of all PIC 12/16/17/18 devices.

Standard Accessories

Main unit.........................x1
RS-232 cable....................x1
DC 9V/500mA
power adaptor.................x1
CD................................x1
(Driver and user manual are included)

Optional Accessories

SOP/SSOP/TSSOP/TQFP, etc.

Specification

Dimension	16cm x 11cm x 4.5cm
Communication	RS-232
Power	DC 9V/500mA
Weight	500g
Operating Altitude	up to 5000m
Operating Humidity	90% (non-condensing)
Operating Temperature	+5℃ ~ +45℃

PC System Requirement

Operating System	Windows 98/ME/2000/XP	Memory	128MB RAM and above
Processor	Pentium III and above	Hard Disk	30MB and above

Device Supported

MCV08A		PIC16C65A	PIC16F737	PIC18C442	PIC18F2685
MCV14A		PIC16C65B	PIC16F74	PIC18C452	PIC18F4220
MCV18A		PIC16C66	PIC16F747	PIC18C658	PIC18F4221
MCV28A		PIC16C662	PIC16F76	PIC18C858	PIC18F4320
		PIC16C67	PIC16F767	PIC18F1220	PIC18F4321
PIC10F200	PIC10F206	PIC16C71	PIC16F77	PIC18F1230	PIC18F4331
PIC10F202	PIC10F220	PIC16C710	PIC16F777	PIC18F1320	PIC18F4410
PIC10F204	PIC10F222	PIC16C711	PIC16F785	PIC18F1330	PIC18F442
		PIC16C712	PIC16F818	PIC18F2220	PIC18F4420
PIC12C508	PIC12F510	PIC16C715	PIC16F819	PIC18F2221	PIC18F4423
PIC12C508A	PIC12F519	PIC16C716	PIC16F83	PIC18F2320	PIC18F4431
PIC12C509	PIC12F609	PIC16C717	PIC16F84	PIC18F2321	PIC18F4450
PIC12C509A	PIC12F615	PIC16C72	PIC16F84A	PIC18F2331	PIC18F4455
PIC12C671	PIC12F629	PIC16C72A	PIC16F87	PIC18F2410	PIC18F448
PIC12C672	PIC12F635	PIC16C73A	PIC16F870	PIC18F242	PIC18F4480
PIC12CE518	PIC12F675	PIC16C73B	PIC16F871	PIC18F2420	PIC18F4510
PIC12CE519	PIC12F683	PIC16C745	PIC16F872	PIC18F2423	PIC18F4515
PIC12CE673	PIC12HV609	PIC16C74A	PIC16F873	PIC18F2431	PIC18F452
PIC12CE674	PIC12HV615	PIC16C74B	PIC16F873A	PIC18F2450	PIC18F4520
PIC12F508	rfPIC12C509AF	PIC16C76	PIC16F874	PIC18F2455	PIC18F4523
PIC12F509	rfPIC12C509AG	PIC16C765	PIC16F874A	PIC18F248	PIC18F4525
		PIC16C77	PIC16F876	PIC18F2480	PIC18F4550
PIC16C505	PIC16F54	PIC16C770	PIC16F876A	PIC18F2510	PIC18F458
PIC16C54	PIC16F57	PIC16C771	PIC16F877	PIC18F2515	PIC18F4580
PIC16C54C	PIC16F610	PIC16C773	PIC16F877A	PIC18F252	PIC18F4585
PIC16C55	PIC16F616	PIC16C774	PIC16F88	PIC18F2520	PIC18F4610
PIC16C554	PIC16F627	PIC16C781	PIC16F883	PIC18F2523	PIC18F4620
PIC16C558	PIC16F627A	PIC16C782	PIC16F884	PIC18F2525	PIC18F4680
PIC16C55A	PIC16F628	PIC16C923	PIC16F886	PIC18F2550	PIC18F4682
PIC16C56	PIC16F628A	PIC16C924	PIC16F887	PIC18F258	PIC18F4685
PIC16C56A	PIC16F630	PIC16C925	PIC16F913	PIC18F2580	PIC18F6620
PIC16C57	PIC16F631	PIC16C926	PIC16F914	PIC18F2585	PIC18F6720
PIC16C57C	PIC16F636	PIC16CE623	PIC16F916	PIC18F2610	PIC18F8620
PIC16C58A	PIC16F639	PIC16CE624	PIC16F917	PIC18F2620	PIC18F8720
PIC16C58B	PIC16F639	PIC16CE625	PIC16HV540		
PIC16C620	PIC16F648A	PIC16F505	PIC16HV610		
PIC16C620A	PIC16F676	PIC16F506	PIC16HV616		
PIC16C621	PIC16F677	PIC16F526	PIC16HV785		
PIC16C621A	PIC16F684				
PIC16C622	PIC16F685	PIC17C42	PIC17C756		
PIC16C622A	PIC16F687	PIC17C42A	PIC17C756A		
PIC16C62A	PIC16F688	PIC17C43	PIC17C762		
PIC16C62B	PIC16F689	PIC17C44	PIC17C766		
PIC16C63	PIC16F690	PIC17C752			
PIC16C63A	PIC16F716				
PIC16C642	PIC16F72	PIC18C242	PIC18F2680		
PIC16C64A	PIC16F73	PIC18C252	PIC18F2682		