

**UNIVERSAL PROGRAMMER FOR MICROCHIP PIC MICROCONTROLLERS**  
**PIC10Fxx | PIC12Cxx | PIC12Fxx | PIC16Cxx | PIC16Fxx | PIC17Cxx | PIC18Cxx | PIC18Fxxx**

**Support over 230 devices**



# PSTART



### **Introduction:**

The PSTART is a development tool designed to program Microchip PIC microcontrollers. Provided with a ZIF40 socket, it can program the whole serie of PIC 10Fxx, 12Cxxx, 12Fxxx, 16Cxxx, 16Fxxx, 17Cxxx, 18Cxxx, 18Fxxx and rPIC12Cxxx. It is delivered with Microchip CD-ROMs holding MPLABX-IDE software to program devices, and MPASM to compile source programs. This software works with Windows 98/NT/2000/ME/XP/VISTA/Win7/Win8/Win10/Linux (32/64bits). The CD-ROM also holds technical information about the supported devices. The programmer plugs into the serial port of any compatible PC and is identical to the PICSTART+ programmer from Microchip.

### **Features:**

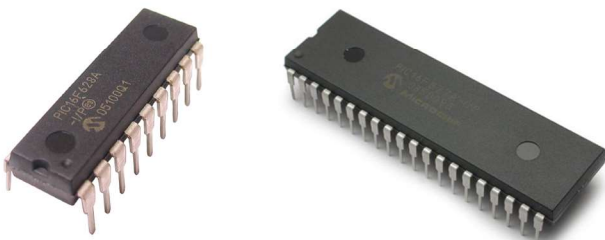
Accepts standard file formats: JEDEC, INTEL (Extended) HEX, INTEL HEX16 and auto find format.  
Read / Write / Verify / Erase / Blank Check functions.  
Editing of the microcontrôler configuration fuses memory (registers).  
Separate buffers to show PROGRAM memory / EEPROM data memory / (Registers) Fuses memory.  
Not need exterior adapter for all DIP package devices.  
Supports Windows XP / VISTA / Windows 7 / Windows 8 / Windows 10 (32bits and 64bits) and Linux (32 bits and 64 bits).

### **Hardware & Electrical specifications:**

Dimensions board : 165 x 110 x 55mm, Weight : 320g  
Dimensions package : 270 x 217 x 90mm, Weight : 850g  
Connections : ZIF40 socket, serial port DB9, jack 2,1mm connector (+ in the middle, - around).

### **Item includes:**

Programmer with ZIF40 socket.  
A wall transformer 9Vdc/100Vac - 240Vac - 1A.  
A serial extension lead SUBD9M - SUBD9F.  
Software on CD-ROM, (in several languages).  
User manual in English and French.



**Products informations : [www.seeit.fr](http://www.seeit.fr)**

**Devices supported list by PSTART (Version 8.92) :**

<b>PIC10Fxxx</b>	PIC10F200	PIC10F202	PIC10F204	PIC10F206	PIC10F220	PIC10F222		
<b>PIC12Cxxx</b>	PIC12C508	PIC12C508A	PIC12C509	PIC12C509A	PIC12C671	PIC12C672	PIC12CE518	PIC12CE519
	PIC12CE673	PIC12CE674						
<b>PIC12Fxxx</b>	PIC12F508	PIC12F509	PIC12F510	PIC12F519	PIC12F609	PIC12F615	PIC12F629	PIC12F635
	PIC12F675	PIC12F683	PIC12HV609	PIC12HV615				
<b>rfPIC12Cxxx</b>	rfPIC12C509AF	rfPIC12C509AG						
<b>PIC16Cxxx</b>	PIC16C505	PIC16C54	PIC16C54C	PIC16C55	PIC16C554	PIC16C558	PIC16C55A	PIC16C56
	PIC16C56A	PIC16C57	PIC16C57C	PIC16C58A	PIC16C58B	PIC16C620	PIC16C620A	PIC16C621
	PIC16C621A	PIC16C622	PIC16C622A	PIC16C62A	PIC16C62B	PIC16C63	PIC16C63A	PIC16C642
	PIC16C64A	PIC16C65A	PIC16C65B	PIC16C66	PIC16C662	PIC16C67	PIC16C71	PIC16C710
	PIC16C711	PIC16C712	PIC16C715	PIC16C716	PIC16C717	PIC16C72	PIC16C72A	PIC16C73A
	PIC16C73B	PIC16C745	PIC16C74A	PIC17C74B	PIC16C76	PIC16C765	PIC16C77	PIC16C770
	PIC16C771	PIC16C773	PIC16C774	PIC16781	PIC16C782	PIC16C923*	PIC16C924*	PIC16C925*
	PIC16C926*	PIC16CE623	PIC16CE624	PIC16CE625				
<b>PIC16Fxxx</b>	PIC16F505	PIC16F506	PIC16F526	PIC16F54	PIC16F57	PIC16F610	PIC16F616	PIC16F627
	PIC16F627A	PIC16F628	PIC16F628A	PIC16F630	PIC16F631	PIC16F636	PIC16F639	PIC16F648A
	PIC16F676	PIC16F677	PIC16F684	PIC16F685	PIC16F687	PIC16F688	PIC16F689	PIC16F690
	PIC16F716	PIC16F72	PIC16F73	PIC16F737	PIC16F74	PIC16F747	PIC16F76	PIC16F767
	PIC16F77	PIC16F777	PIC16F785	PIC16F818	PIC16F819	PIC16F83	PIC16F84	PIC16F84A
	PIC16F87	PIC16F870	PIC16F871	PIC16F872	PIC16F873	PIC16F873A	PIC16F874	PIC16F874A
	PIC16F876	PIC16F876A	PIC16F877	PIC16F877A	PIC16F88	PIC16F882	PIC16F883	PIC16F884
	PIC16F886	PIC16F887	PIC16F913	PIC16F914	PIC16F916	PIC16F917	PIC16F946*	
<b>PIC16HVxxx</b>	PIC16HV540	PIC16HV610	PIC16HV616	PIC16HV785				
<b>PIC17Cxxx</b>	PIC17C42	PIC17C42A	PIC17C43	PIC17C44	PIC17C752	PIC17C756	PIC17C756A	PIC17C762
	PIC17C766							
<b>PIC18Cxxx</b>	PIC18C242	PIC18C252	PIC18C442	PIC18C452	PIC18C658	PIC18C858		
<b>PIC18Fxxx</b>	PIC18F1220	PIC18F1230	PIC18F1320	PIC18F1330	PIC18F2220	PIC18F2221	PIC18F2320	PIC18F2321
	PIC18F2331	PIC18F2410	PIC18F242	PIC18F2420	PIC18F2423	PIC18F2431	PIC18F2450	PIC18F2455
	PIC18F248	PIC18F2480	PIC18F2510	PIC18F2515	PIC18F252	PIC18F2520	PIC18F2523	PIC18F2525
	PIC18F2550	PIC18F258	PIC18F2580	PIC18F2585	PIC18F2610	PIC18F2620	PIC18F2680	PIC18F2682
	PIC18F2685	PIC18F4220	PIC18F4221	PIC18F4320	PIC18F4321	PIC18F4331	PIC18F4410	PIC18F442
	PIC18F4420	PIC18F4423	PIC18F4431	PIC18F4450	PIC18F4455	PIC18F448	PIC18F4480	PIC18F4510
	PIC18F4515	PIC18F452	PIC18F4520	PIC18F4523	PIC18F4525	PIC18F4550	PIC18F4553	PIC18F458
	PIC18F4580	PIC18F4585	PIC18F4610	PIC18F4620	PIC18F4680	PIC18F4682	PIC18F4685	PIC18F6620*
	PIC18F6720*	PIC18F8620*	PIC18F8720*					

Note : The references in blue letters do not exist in DIP packages and require an optional adapter.