

Description:

This Sure Electronics Programmer is compatible with the Microchip® PICkit® 3 Programmer/Debugger. It is a simple low-cost in-circuit debugger that is controlled by a PC running MPLAB® IDE (v8.20 or greater) software on a Windows platform. The PICkit® 3 programmer/debugger is an integral part of the development engineer's tool suite. The application usage can vary from software development to hardware integration.

This Programmer/Debugger is a debugger system used for hardware and software development of Microchip® PIC® microcontrollers (MCUs) and dsPIC® Digital Signal Controllers (DSCs) that are based on In-Circuit Serial Programming (ICSP) and Enhanced In-Circuit Serial Programming 2-wire serial interfaces.

The debugger system executes code like an actual device because it uses a device with built-in emulation circuitry, instead of a special debugger chip, for emulation. All available features of a given device are accessible interactively, and can be set and modified by the MPLAB® IDE interface.

Features:

- Size: 93.50(L) × 39.80(W) × 12.90(H) ±0.2mm
- Full-speed USB support using Windows standard drivers
- Real-time execution
- Processors run at maximum speeds
- Built-in over-voltage/short circuit monitor
- Low voltage to 5V (1.8 to 5V range)
- Diagnostic LEDs (power, active, status)
- Read/write program and data memory of microcontroller
- Erase of all memory types (EEPROM, ID, configuration and program) with verification
- Peripheral freeze at breakpoint

Applications:

- Program and debug applications

Package Contents:

- Programmer/Debugger x1
- RJ11 to 6-pin flat cable x 1
- 6-pin flat cables x1
- Mini USB print cable x1
- Free 6-pin header x1
- Free 6-pin housing x1