



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



ICP2 - Portable

Production Quality In-Circuit Service Programmer



Softlog
Systems

A member of the ICP family of high-speed, production-grade in-circuit programmers for Microchip microcontrollers, ICP2-Portable is specially designed to meet your service programming needs. This compact, battery-powered device supports up to six different programming environments, making it an ideal, low-cost solution for field upgrades.



- 6 environments with counter
- Fast programming
- Convenient and easy-to-operate
- Battery/USB/Adapter powered
- Low-cost device

Counter Maximizes Your Control

ICP2-Portable includes a configurable counter that ensures the number of programmed devices does not exceed a pre-defined value. The counter allows you to control the number of upgrades performed by your customer's service personnel. In cases where a higher level of security is needed, ICP2-Portable can be enhanced to offer multi-layer IP protection using our Secure Programming software.

Microchip-Oriented

Reflecting our focus and expertise in working with Microchip, ICP2-Portable is specifically designed for full compatibility with all Microchip microcontrollers and peripheral components. Softlog Systems is a recognized Microchip third-party tool provider since 1998.

Overcurrent Protection

Overcurrent protection circuits prevent both programmed devices and the programmer from being damaged in the event of a short-circuit or a connection to an incorrectly powered programmed device.

24x7 Support

We understand the importance of on-time field maintenance. Softlog's technical support engineers are available round-the-clock to provide you with immediate solutions to operational and maintenance issues which may arise.

ICP2 - Portable

Production Quality In-Circuit Service Programmer

High-Speed, Compact Programming Device

- Designed for in-circuit (ICSP™) programming of 8-bit PIC® MCUs, 16-bit PIC® MCUs & dsPIC® DSCs (optional), 32-bit PIC® MCUs (optional), Keeloq® encoders (optional) and serial EEPROMs
- On-board 4MB flash memory for non-volatile storage of 6 environments
- Three standalone serialization schemes:
 - Sequential, random and user file
 - 1 to 8 bytes, automatic "retlw"
- Vdd and Vpp overload protection
- Power supply: 3xAAA batteries, USB or power adapter
- Dimensions: 130 x 65 x 26mm

Programmable Hardware

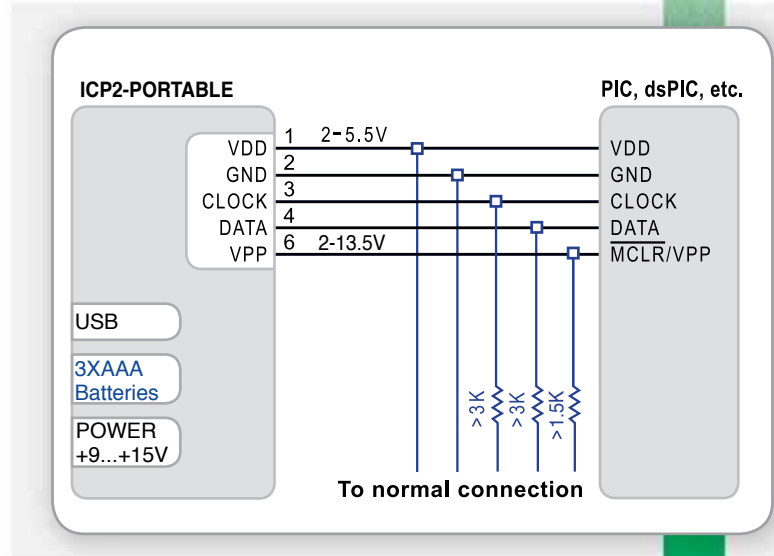
- Programmable Vdd (2.0 to 5.5V) and Vpp (2.0 to 13.5V)
- Programmable delay between Vdd and Vpp (0.1 to 250ms)
- Programmable clock/data speed (500KHz to 10MHz)
- Programmable Vdd source (programmer or target)
- Vdd current limit: 50mA
- Prevents damage to connected microcontroller in case of power ON and power OFF

Easy-to-Use Software

- Counter that limits the number of times a hex file can be programmed
- Standalone operation
- Field firmware upgrade (built-in bootloader)

Host System Requirements

- Windows®-95/98/2000/ME/XP/NT/Vista/7
- USB port



Typical in-circuit programming connection

About Softlog Systems

Softlog Systems specializes in In-Circuit Serial Programming (ICSP™) for Microchip microcontrollers. Since 1998, our high-performance, cost-effective ICSP™ solutions have been used to manufacture millions of products worldwide. Leveraging our technical know-how and extensive field experience, Softlog Systems' ICP family of production-grade programmers reduce manufacturing costs and accelerate time-to-market.



Softlog Systems (2006) Ltd.

18 Rojansky St, P.O.Box 17007 Rishon-Letzion 75070 Israel
Tel: 972-3-9515359
email: sales@softlog.com
Fax: 972-3-9527520
www.softlog.com