

# ISP10 AVR ISP PROGRAMMING ADAPTER

## PRODUCT SPECIFICATION

### Features

- ISP Programmer for Amber Web Server
- ISP Programmer for the P1 Pirana AVR
- Attaches to PC's parallel port
- Jumper for reset condition setting
- 10 pin Programming header
- Programs the Atmega128 and other AVR processors

### Overview

The In-System-Programmer (ISP) Programming Adapter is used to download and program the WS128 Amber Web Server Programmer and P1 AVR processor. The ISP10 programmer is compatible with a number of open source and/or free PC programming utilities. The programming adapter attaches to the PC's parallel port. A keyed 10 pin header attaches to the target Amber board.

Three programming utilities are compatible with the ISP10 Programming Adapter. **AVRdude.exe** is distributed with the GNU AVR C GCC tools, **ponyprog.exe** is available as a free utility from [www.lancos.com](http://www.lancos.com) and **sfprog.exe** is available as a free programming utility from [www.soc-machines.com](http://www.soc-machines.com).

### Ordering Information

ISP10 ISP Programming Adapter

You may order directly from SOC Machines by placing an order on the web site: [www.soc-machines.com](http://www.soc-machines.com), calling (604) 628-7227 or by contacting one of our sales representatives or distributors.

