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CrispAVR-200

STK200 Compatible ISP Adapter for Atmel AVR CPUs.

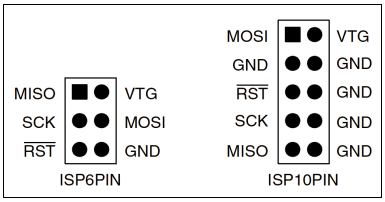
CrispAVR-200 is a simple low-cost ISP programming adapter for the PC parallel port (LPT).

Connection – CrispAVR-200 is being attached to the parallel port of a PC and provides a flat cable with two ISP receptacles, which fit into the common 6 and 10 pin ISP headers. In contrast to many other low-cost ISP adapters it is not necessary to build some 6-to-10 pin or adapter when using CrispAVR-200 with a 6 pin ISP header.

Software Compatibility – CrispAVR-200 is STK200/300 compatible, hence most common ISP software which supports STK200/300 can be used. Well known programs are WinAVR, avrdude, uisp and PonyProg.

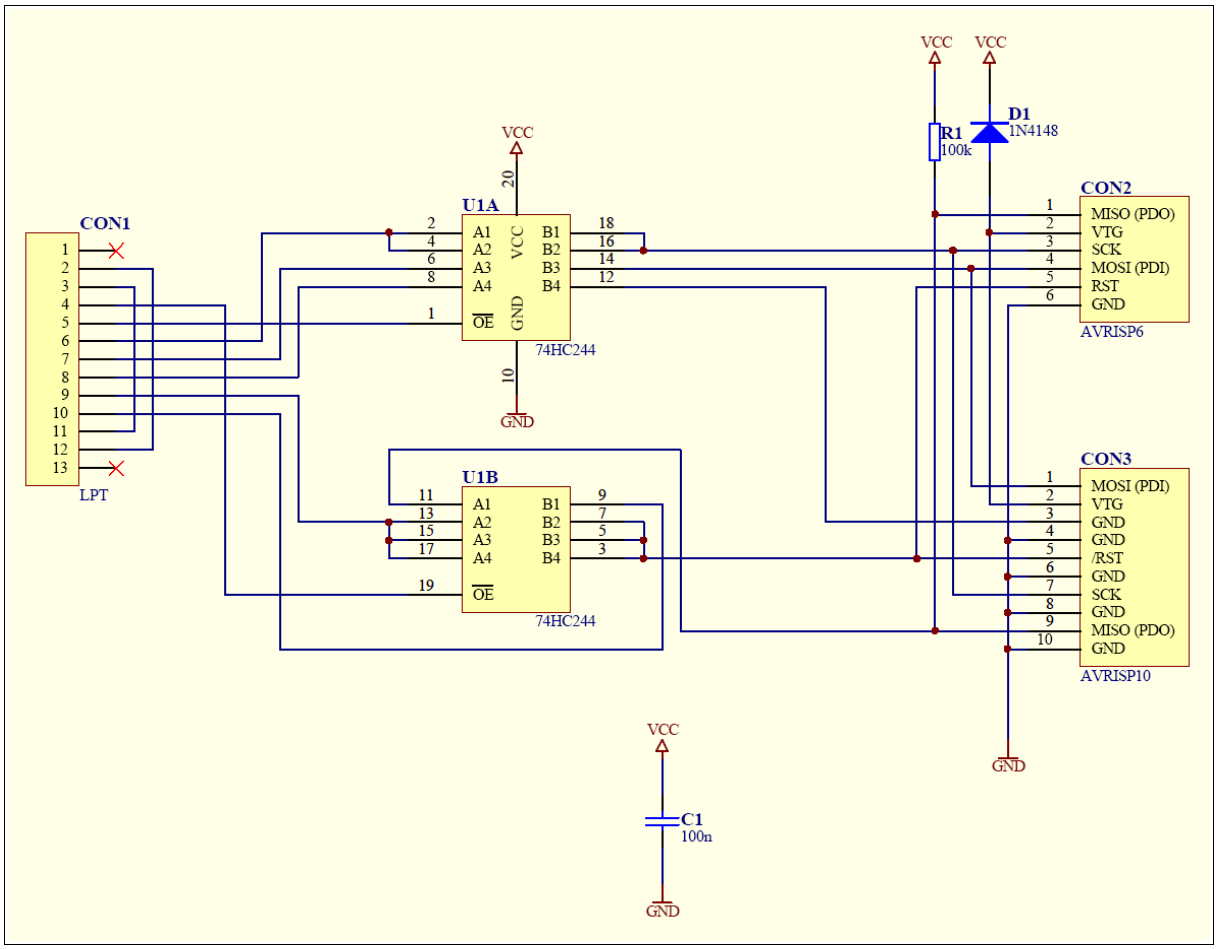
Supported AVR Devices – CrispAVR-200 is a simple adapter from PC parallel port to Atmels AVR ISP port, hence the supported AVR devices are given by the used software. Please refer to the above mentioned links. PonyProg for example also supports serial EEPROMs etc.

Connector Pinout – CrispAVR-200 provides both 6-pin and 10-pin ISP connectors with standard pinout as recommended by Atmel. See picture on the right for details pinout of both connectors.



All products by chip45.com use the smaller 6-pin connector.

Schematics – The following picture shows the schematics of the current CrispAVR-200 adapter version V1.1. The lower row of the parallel port DB25 connector (where several ground pins are located) is not shown in the schematics.



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