

ISP2ZIF

Programming Adapter

User's Guide



ISP2ZIF

ISP2ZIF is an adapter for programming of all types of devices with in-circuit serial programming (ISP), especially with the PRESTO programmer (by ASIX s.r.o.). The adapter is provided with the zero insertion socket (ZIF).

Usage

Insert a device to be programmed into the ZIF socket. Use any of two programming connectors of the adapter to connect the PRESTO programmer via ICSPCAB cable provided with PRESTO. Connect programming signals to corresponding pins of the device by plugging jumpers to appropriate positions in the pin array. Any of seven signals of the ISP interface (VPP, VDD, GND, DATA, CLK, MISO a LVP) can be connected to any of pins of the device. Device pins are DIP40-like numbered and ISP signals are labeled on the PCB. Connection is crossed, i.e. layout of the signals of device pins and ISP signals are routed in lines and columns, respectively. Selected pin is connected to desired signal by plugging a jumper to the corresponding position.

The adapter is suitable not only for the PRESTO programmer and not only for Microchip devices. Connection must always be in accordance with ISP programming requirements (see manufacturer's datasheet). As for Microchip PIC microcontrollers, details see http://www.asix-tools.com/supp_icsp.htm. SMD devices can be programmed with pin converter depending of the device package (see http://www.asix-tools.com/prg_adaptors.htm).

Caution: Incorrect jumper settings can cause damage to the programmer and the device.

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Appendix: Typical examples of jumper settings for PIC microcontrollers.

Examples are intended for user guidance only (for understanding how the pin array works). User's connection must always correspond to the device datasheet.



