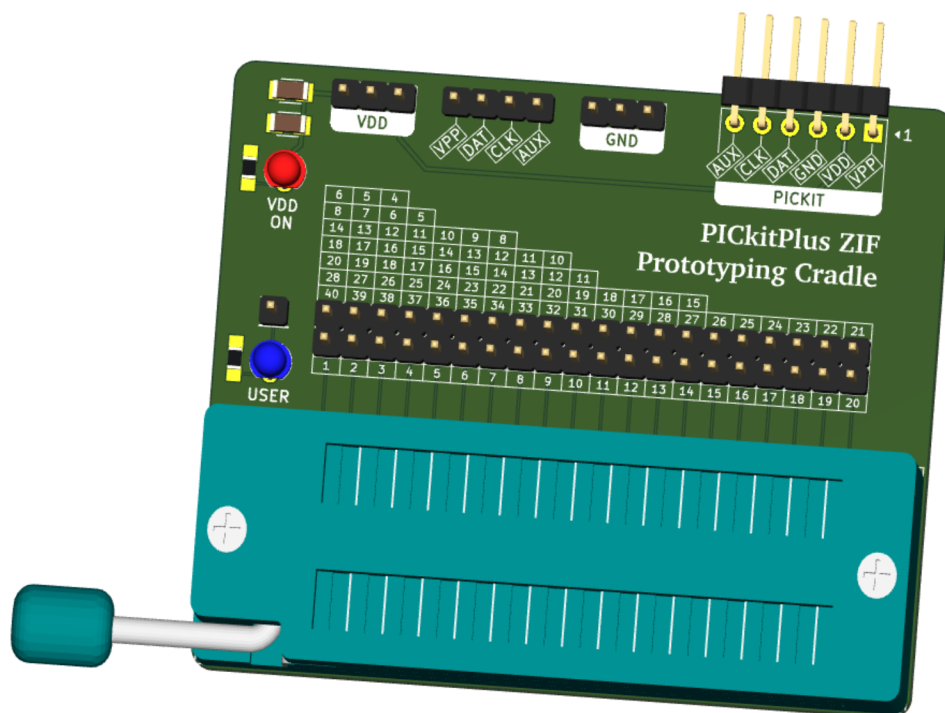


PICKitPlus ZIF Prototyping Cradle

A handy circuit board for quick prototyping and programming of Microchip PIC microcontrollers.



OVERVIEW

Measuring just 66x56mm, the PICKitPlus ZIF Prototyping Cradle is designed for programming and prototyping PICs. It serves a similar function to that of a solderless breadboard, while being more reliable and convenient.

With the addition of a few female 2.54mm jumper wires, the ZIF Cradle can easily be configured for (almost) any model of PIC.

FEATURES

- The Cradle includes a 40-pin universal ZIF socket, suitable for use with all DIP packages up to 40 pins. Adapters are available for surface mount packages, such as SOIC or SSOP.
- A header is provided for plugging a PICKit directly into the Cradle for programming. And of course our own PK+ units are also compatible.
- VPP, DAT, CLK and AUX pins are made available; along with three VDD and three GND pins for chips sporting multiple VDD and/or GND connections.
- All chip pins are presented in a double row, conveniently labelled for any size of chip. Simply check the chip's datasheet and connect the appropriate pins to the VPP, VDD, GND, DAT, CLK and/or AUX pins using standard female-to-female (2.54mm) jumper wires.
- Two LEDs are provided, each protected by a resistor. The Power LED will illuminate to indicate VDD is powered; while the User LED is there for your use - e.g. for testing correct operation with a blink program.
- The VDD supply is "decoupled" with an on-board 100nF capacitor for increased stability.

COMPATIBILITY

The cradle works with most PICs that:

- Have no more than 40 pins.
- Have no more than 3 VDD and 3 GND pins.
- Do not require any additional components, such as capacitors.

If intending to use surface-mount PICs, please check before purchase to ensure that a suitable adapter is available.