



RS232 communication with selectable TX and RX.

USB communication for MCU with USB support.

PC keyboard input.

Pins RA0-RA5 can be connected to potentiometers P1 and P2.

External power supply from 8 to 16 V AC/DC.

Choose between external or USB power supply. With USB power supply selected, you don't need external supply.

Very fast and flexible USB 2.0 programmer on board with mikroCD (In-Circuit Debugger).

Turns ON or OFF the LEDs on ports A, B, C, D and E. Turns ON or OFF seven segment displays.

DS1820 temperature sensor can be connected to RE2 or RA5 pin.

Reset circuit

Choose how pressing the button will affect the pin, high state or low state.

JP3 JP4
For microcontrollers in DIP40, DIP28 and DIP18 package

JP3 JP4
For microcontrollers in DIP20, DIP14 and DIP8 package

Seven segment displays in multiplex mode for displaying values.

Port A is connected to a resistor network, using switches SW1. If a switch is in the OFF position, the appropriate pin has neither pull-up or pull-down resistor attached.

Setting jumper to the upper position sets the pins of the appropriate port to logical one (pull-up). If jumper is set to the lower position, pins are set to logical zero (pull-down).

EasyPIC4 supports microcontroller in DIP8, DIP14, DIP18, DIP20, DIP28 and DIP40 package, which means you are ready to use almost the entire range of Microchip Microcontrollers.

EasyPIC4

DEVELOPMENT TOOL FOR MICROCHIP PIC MCUS

Graphic LCD connector

GLCD/LCD contrast

IMPORTANT:
Be sure to place the LCD/GLCD properly!
Improper placement may damage the LCD/GLCD unit permanently.

SW1: Turns ON/OFF pull-up or pull-down resistors on PORTA
SW2: Turns on/off port LEDs and 7-segment digits
JP1: Power supply selector - USB or external
JP2: Selects MCLR as reset or I/O pin
JP6: Connects RB0, RC2 on CTS, RTS lines for RS-232 handshaking
JP7: Connects RB1, RB2 or RB7 on RX line for RS-232 comm.
JP8: Connects RB3, RB5 or RB6 on TX line for RS-232 comm.
JP9: For USB communication, set jumpers to the right hand side
JP10: Connects PS2 keyboard to RC0 and RC1 pins
JP11: Connects DS1820 temp. sensor to RA5 or RE2 pin
JP12: Set the contrast for LCD/GLCD
JP20-JP24: Pull-up/down PORTA, PORTB, PORTC, PORTD and PORTE
JP15: Connects potentiometer P1 to analogue inputs RA0-RA4
JP16: Connects potentiometer P2 to analogue inputs RA1-RA5
JP18: Connects UCC to RA5 pin for 18F2331 MCU power supply