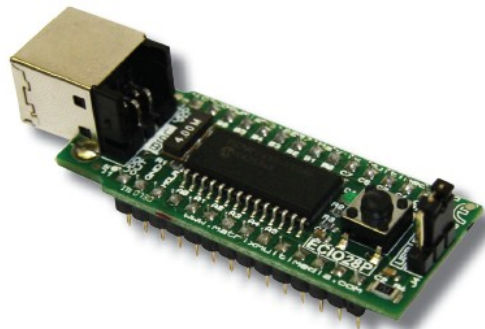


ECIO-40P



ECIO-28P

What does it do?

The ECIO is a powerful USB programmable microcontroller with a 28 and 40 pin DIL (0.6") footprint.

Benefits

- Allows you to add USB programmability to your projects
- Ultra-low cost PIC programming, development and learning

Features

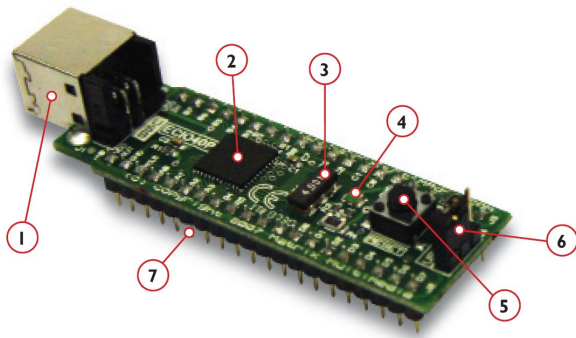
- Programmable from USB
- Rapid program download
- Includes bootloader software
- Powered from USB or 5V external power supply - jumper link selectable.

Description

The ECIO family of USB programmable microcontrollers provides an incredibly simple way of adopting microcontroller technology into your projects. The device behaves just like a normal microcontroller - but when you plug the USB lead in and press the reset switch you can send a new program to the device. This makes the ECIO one of the lowest cost USB programmers in the World.

The ECIO microcontrollers are pre-programmed with a bootloader program which allows you to send a new program to the microcontroller via USB. ECIO is compatible with hex code from any appropriate compiler.

Package details



1. USB socket
2. PICmicro microcontroller device
3. 4MHz ceramic resonator
4. Power / Programming LED
5. Reset switch
6. Power selection jumper
7. Device pins

Picture shows ECIO-40P.
ECIO-28P is similar.

	ECIO-40P	ECIO-28P
Processor:	8 bit 18 series PICmicro	8 bit 18 series PICmicro
Base chip:	PIC18F4455	PIC18F2455
Oscillator:	48MHz	48MHz
IO lines:	30	19
A/D:	9 x 10 bit	6 x 10 bit
A/D sample rate:	100Ksps	100Ksps
Program memory:	24K Bytes	24K Bytes
RAM:	2K bytes	2K bytes
EEPROM:	256 bytes	256 bytes
Power:	5V, USB or external	5V, USB or external
PWM Channels:	5	2
Timers:	1 x 8 bit, 3 x 16 bit	1 x 8 bit, 3 x 16 bit
Interfaces:	EUSART, MI2C, SPI, USB2.0	EUSART, MI2C, SPI, USB2.0
Package:	40 pin DIP compatible	28 pin DIP compatible

