

ProtoDev – PIC 24

The **ProtoDev DX – PIC24** is a customized PIC Development PCB aimed specifically at Embedded Developers who want to explore and develop solutions for PIC 24 applications. The PIC24 Devices with their 16 BIT Architecture and low voltage operations offer a number of advantages in terms of portability and extensibility and the ProtoDev PIC24 series enables both the hobbyist and professional to develop a reliable and effective solution using a reliable and effective platform.

The ProtoDev-DX PIC 24 is a compact and feature rich development PCB designed for the hobbyist and professional. Supporting specific 28 DIP packages from the PIC24 Family, the ProtoDev – PIC24 offers a cost effective, practical solution



to PIC embedded development. Delivered fully assembled the PCB has 2 power supplies (3v3 and 5 Vdc), RS 3232 driver for communications, ICSP, Reset button, 2 Push Button switches, 2 LEDs and a watch crystal for additional timing applications. A prototyping area with horizontally connected pads makes for easy proof of concept design and development with additional devices e.g. LCD display or compatible temperature sensor. The PCB can be powered from a standard wall socket AC to DC converter power supply that has a 5Vdc output.

The hosted device can be programmed using an ICSP compatible programmer. Communications to a PC is simple and easy using the MAX3232 a 3v3 compliant device.

The adjacent prototyping (like strip board) area enables the developer to solder in additional components and devices. All PIC I/O is tracked to the connector strip and labelled, which is located conveniently close to the prototyping area.

ProtoDev Features

Power Supply	> 5Vdc <7Vdc
Programming	ICSP
Communications	MAX3232 RS232 Driver
I/O	2 LEDs + 2 Push Buttons
PIC Support	28 PIN DIP
Families	PIC 24 Devices only
Oscillator	8Mhz Crystal Watch crystal



ZarDynamix

sales@zardynamix.com

South Africa

CMR | www.cmrprojects.co.za

Mantech Electronics | www.mantech.co.za

UK end EU

FORED | www.fored.co.uk

The Debug Store | www.thedebugstore.com

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