

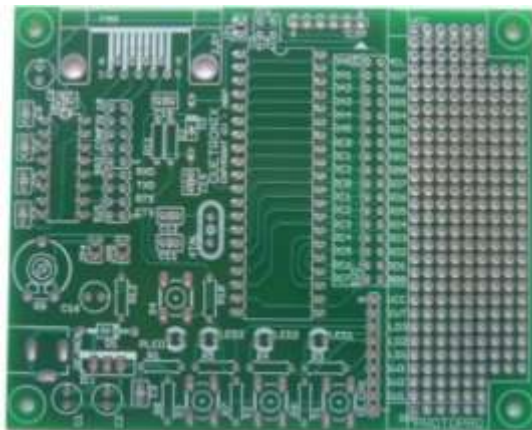


ProtoPro 40 – Development PCB

The ProtoPro 40 development system has been designed for developer and hobbyist who want to leverage the features available in 40 PIN PIC® microcontroller devices.

The ProtoPro 40 is compact and is efficiently laid out on a 10 cm x 8 cm PCB. The layout includes an onboard PSU, communications interface and additional footprints for devices that extend the system’s flexibility, along with the 40 Pin foot print for the device. Tracked power and ground connections enable quick, simple integration and usage. The proto area offers additional real estate to solder in custom circuitry.

A standard RS232 communications interface is available with DB9 footprint. Standard ICSP interface enables the microcontroller device to be reprogrammed in circuit.



The ProtoPro 40 is available as :

- A bare PCB
- DIY kit, or
- Fully assembled

Basic I/O

<i>Mechanical</i>	3 Push Buttons (PCB Mount)
<i>Visual</i>	3 LEDs (3mm)
<i>Variable</i>	POT (3 Pin Horizontal)

Power Supply

<i>Voltage Regulator</i>	7805
<i>Input Protection</i>	Reverse polarity protection

Communications

<i>Mechanical Interface</i>	DB 9 Connector
<i>Interface</i>	RS232

Programming

<i>In circuit Interface</i>	ICSP
<i>System Reset</i>	Push Button reset

Physical PCB

<i>Thickness</i>	1.6mm/ 35um
<i>Size</i>	100 x 80 (mm)
<i>Finish</i>	2 Layered, hot air leveled green

ProtoPro 40 – Pricing Options

<i>Bare PCB</i>	
<i>Unassembled Kit</i>	
<i>Fully assembled</i>	
All Pricing is COD and excludes delivery / shipping costs. Discounts are awarded for bulk ordering.	
1 – Retail cost, for reseller pricing please contact Duetronix to discuss.	
2 – Contact us for pricing on this item	

For pricing options, contact Duetronix on sales@duetronix.co.za

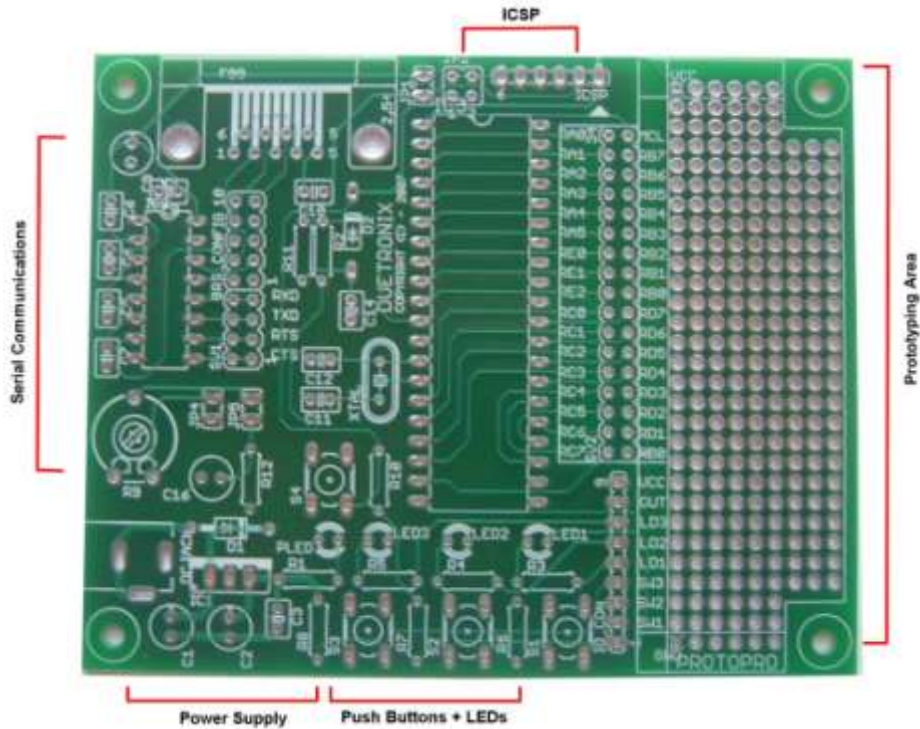
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The ProtoPro 40 PCB is manufactured to the highest quality standards by an ISO 9000 accredited manufacturer.

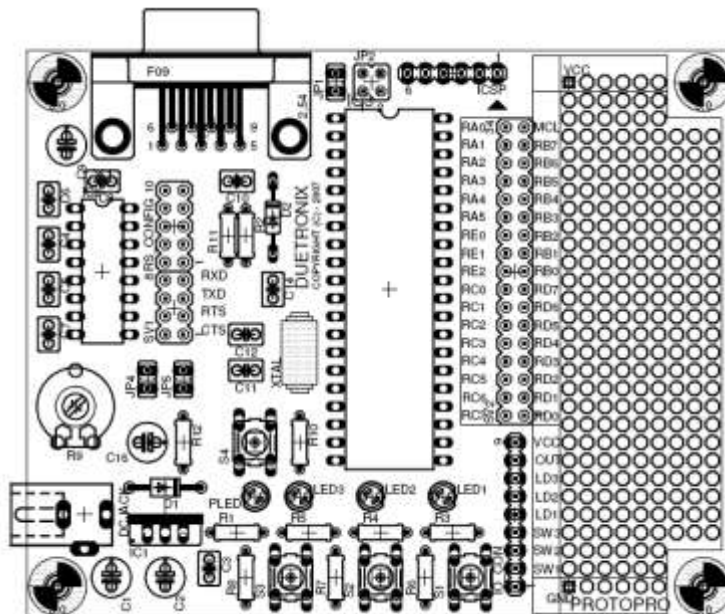


MICROCONTROLLER DEVELOPMENT TOOLS

ProtoPro 40 – Artwork

The ProtoPro 40 artwork is shown below and describes the component layout for an assembled system.

Note: Full assembly instructions are available from www.duetronix.co.za



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