

PICBLOCK MC28AD-16

The latest PicBlock product from Powerlite

The MC28AD-16 is designed for use with 28pin Microchip pic chips. It is the most versatile product in the PicBlock range so far.

Serial input latched drivers have enabled us to provide 16 open collector outputs requiring the use of only 4 of the pic chip's I/O lines. This allows us to enhance the I/O capability of a 28 pin device to 32 while still maintaining functionality.

Features include:

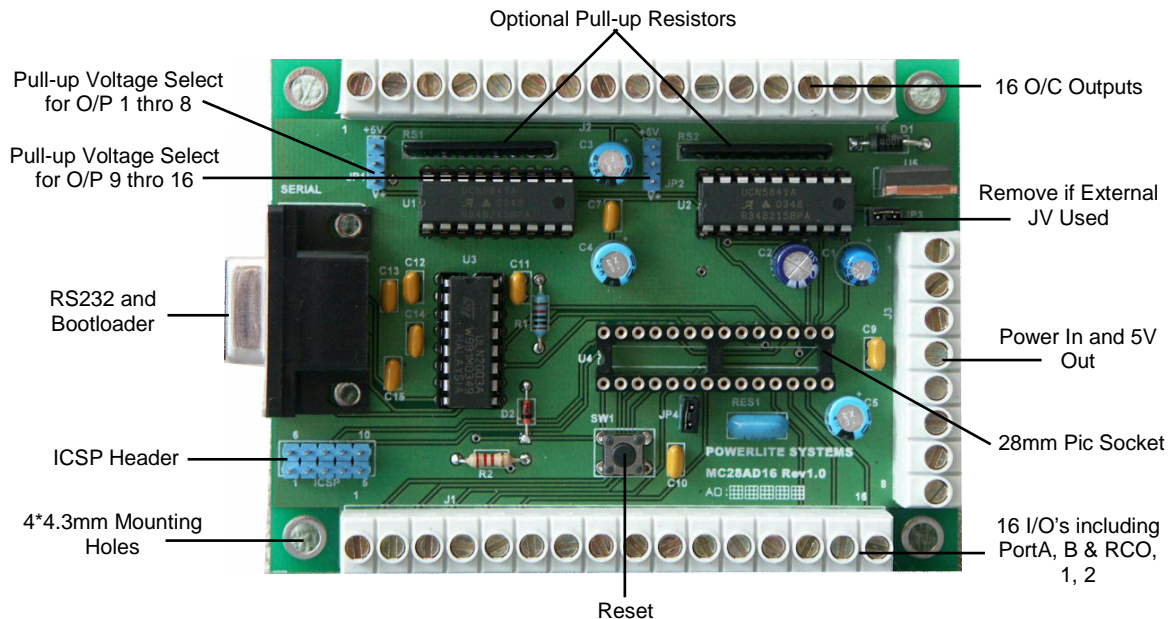
- 16 uncommitted I/O lines
- 16 500mA open collector outputs
- ICSP header
- RS232 connector for serial comms or boot-loading
- Independent pull-up options on the O/C outputs
- Onboard reset button
- Reset via RS232 connection
- Onboard 5V regulator or external power option

The 16 uncommitted I/O lines can be utilised and configured as the end user requires and include the analogue functions associated with some of the 28pin Microchip devices. The 16 O/C outputs provide power drive capability or extra digital outputs if used in conjunction with the optional pull-up resistors.

The RS232 connection allows integration with a PC based system further enhancing design possibilities.

Compact footprint of only 102x76mm.

As with other products in the range the MC28AD-16 is a completely assembled board utilising quality components on a PTH ground planed pcb requiring only the addition of a 28 pin pic chip and the end user's programme. Ideal for development, it can also be utilised as part of a finished system and is also an ideal replacement for PLC modules.



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