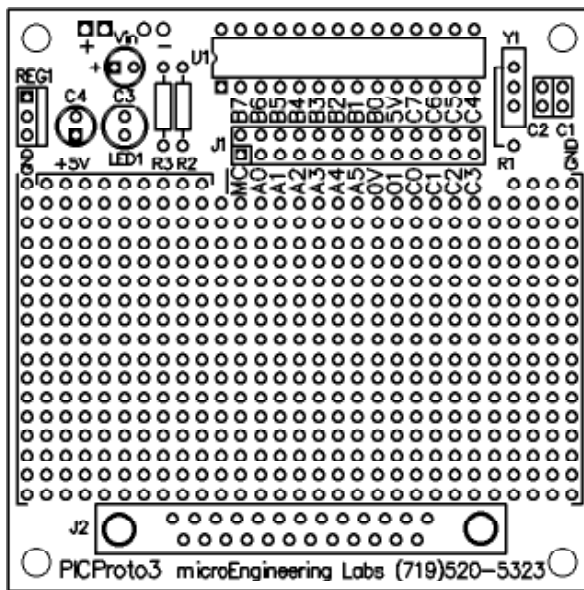


PICPROTO™3 Prototyping Board

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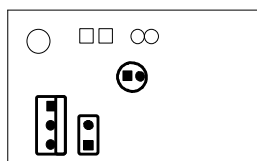
\$14⁹⁵

- ❖ High quality double-sided board
- ❖ Solder mask both sides
- ❖ More than 500 plated-through holes
- ❖ 4 mounting holes
- ❖ Overall dimensions 3" X 3"

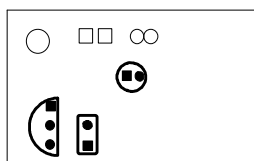


- U1 - PIC16C62, 63, 642, 66, 72, 73, 745, 76, 773, 16F72, 73, 737, 76, 767, 870, 872, 873, 876, 883, 886, 18C2xx or 18F2xxx
- Y1 - crystal or ceramic resonator
- C1, 2 - crystal capacitors
- C3 - input capacitor
- C4 - bypass capacitor
- REG1 - 5 volt regulator
- LED1 - LED
- R1 - RC oscillator resistor
- R2 - Master Clear resistor
- R3 - LED series resistor
- J1 - I/O connector
- J2 - DB9, 15, or 25

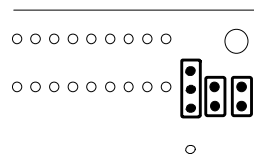
PARTS PLACEMENT:



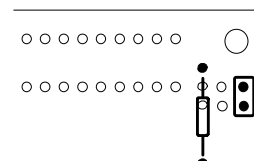
TO-220 Regulator
REG1 = 7805T
C3 = .1 - 10uf
C4 = .01 - .1uf



TO-92 Regulator
REG1 = 78L05
C3 = .1 - 10uf
C4 = .01 - .1uf



Crystal or Ceramic Resonator
Y1 = DC - 20MHZ
C1, 2 = 5 - 22pf



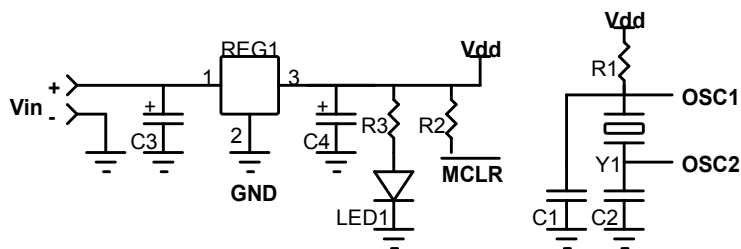
RC Oscillator
 $5k \leq R \leq 100K$
C1 $\geq 20pf$
C2 = none

ASSEMBLY NOTES:

Pin 1 of U1 is marked with a square pad.
Note polarity of Vin, REG1, LED1 and any polarized capacitors.

Don't forget to pull-up Master Clear to Vdd.
All unused inputs should be tied to +5V or ground.

SCHEMATIC:



SOURCES:

PIC®documentation is available from:
Microchip Technology Inc.
2355 West Chandler Blvd.
Chandler AZ 85224-6199
(480) 792-7200
(480) 792-7277 fax

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