



Pin Connections Table:

MICRO		LCD
GND , 10k Potentiometer Output (V_{\mp})	1	GND
VCC , 10k Potentiometer Output (V_{\pm})	2	VCC
10k Potentiometer Output (V_o)	3	Contrast
P4.5	4	RS (Register Select): 0 – Command, 1 - Data
GND	5	R/W (Read/Write): 0 – Write, 1 - Read
P4.4	6	Clock Enable
Not Connected	7	Data 0
Not Connected	8	Data 1
Not Connected	9	Data 2
Not Connected	10	Data 3
P4.0	11	Data 4
P4.1	12	Data 5
P4.2	13	Data 6
P4.3	14	Data 7
100Ω Resistor to VCC	15	Backlight Anode (+)
GND	16	Backlight Cathode (-)

Table 1 – Note that your LCD Display might have pins starting at 0; in that case subtract the above LCD pin numbers by 1. **Micro Pins** are labeled in **Red**; **LCD Pins** are labeled in **Blue**; **external connections** in **Black**.