PIC AtoD conversion with LCD drive schematic

Please note: PICKIT connections are not shown. Simply wire up the PICKIT to the PIC for appropriate ICSP.

Build a variable input of your choice:

+V

Thermister

To pin 3 on PIC

100k

+V

CDS cell

To pin 3 on PIC

10k

+V

10k

To pin 3 on PIC

+V

10k 12k 15k 33k

100k

To pin 3 on PIC

+V

Variable input of your choice

1   3

R1 220Ω

PIC16F1455

14 6 2   10 9 8 7

VSS VDD V0 RS RW E D0 D1 D2 D3 D4 D5 D6 D7 A K

1   16