



connect pin 9 to +3 if you want bar display

unused inputs of logic and opamps pull up or down to avoid oscillations and noise. connect supply of all chips if not mentioned.
 "analog ground" and "digital ground" must be linked at power supply only, avoid loops, let grounds radiate from a ground plane.
 use MFR 1% for all Resistors, 33E means 33 ohms, 22K means 22 kilo ohms, 1M is 1 megohm. 10T Trimpot means like 10 turn bourns.
 '474 CD' is 47 with 4 zeros pF, 470000 pF, remove 3 zeros 470 nF, shift decimal 3 places 0.47uF. "pl" is plastic, low leakage multilayer.

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