



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 470000 pF, remove 3 zeros 470 nF, shift decimal 3 places 0.47µF. "pl" is plastic, low leakage multilayer.

delabs design
 delabs-circuits.com
 delabs.net

delabs circuits and technologies			
Title	ICL7107 and LM3914 based display for 200mV DPM		
Size B	Document Number	del20009.sch	Rev 1
Date	Thursday, May 13, 2004	Sheet	1 of 1