



ICL7135 Pin 11 +5V, Pin 1 -5V, Pin 24 digital GND, add a decoupling 104 CD cap from +5 to GND and -5 to GND

add zeners (pA leakage but protects.)

see datasheets for +5 and GND of all ICs and add a 104 CD cap across each chip close to it.

Use Only Low Leakage Multilayer Plastic Capacitors for A-D convertors of Intersil like 7107, 7109, 7106, 7135. use MFR 1% for all Resistors, 33E means 33 ohms, 22K means 22 kilo ohms and 4K7 is 4.7 K. '474 CD' means 47 with 4 zeros pF, 470000 pF, remove 3 zeros 470 nF, shift decimal 3 places again 0.47uF.

<http://delabs.topcities.com/>  
<http://delabs.netfirms.com/>  
<http://delabs.tripod.com/>  
<http://geocities.com/delabs/>  
<http://members.fortunecity.com/delabs/>

<b>delabs circuits and technologies</b>		
Title <b>ICL7135 based auto ranging DVM</b>		
Size B	Document Number	Rev 1
Date: Monday, April 19, 2004		Sheet 1 of 1