the dual power supply of 5V to this circuit must be isolated by transformers to any external battery charger or electroplating circuit, in other words this circuit must have a dedicated supply and the +5, -5 and gnd not connected to any external circuit.

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.

"analog ground" and "digital ground" must be linked at power supply only, avoid loops, let grounds radiate from a ground plane.

Amp Hour Meter

plastic

used inputs of logic and opamps pull up or down to avoid oscillations and noise, connect supply of all chips if not mentioned.

"474 CD" is 47 with 4 zeros pF, 470000 pF, remove 3 zeros 470 nF, shift decimal 3 places 0.47uF, "p" is plastic, low leakage multilayer.

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

24 stages, divider, dip switch selects last 16 stages.