



RS-232 from PC is grounded and so should be chassis of power regulator. Use optocouplers (galvanic isolation) if you don't want outputs of your power regulator to be grounded. example: if you want to connect 2 power regulators in series to double voltage...

Important: Note that green GND is grounded to earth. Braon GND is GND of multimeter and it's connected to + output of power regulator. (See principle of measuring.)

MAX232 is powered from RS-232... use external if needed.

Title		
Multimeter based on PIC16F877		
Size	Number	Revision
A4		1.0
Date:	29.12.2008	Sheet of
File:	D:\Multimeter\..Multimeter.SchDoc	Drawn By: Ar2r