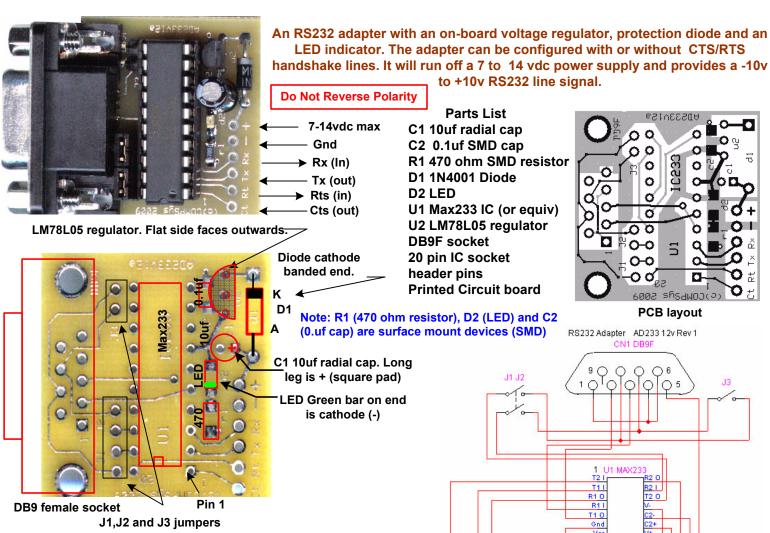
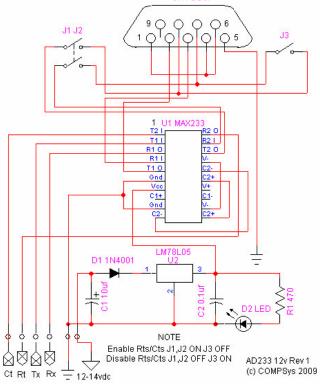
AD233 12V Rev 1



Assembly Hints

For best results, use thin silver bearing solder and a fine point soldering iron. Diagonal cutters, a tweezer and a magnifying glass will be very helpful. Assemble on a clean well lighted surface and take your time

- 1. Mount the SMD 470 ohm resistor, LED (observe orientation) and 0.1 uf SMD capacitor. Use a tiny amount of solder on the pads.
- 2. Next, mount C1 10uf radial capacitor, D1 1N4001 diode and U2 LM78L05 regulator, observe proper orientation of the parts as shown above.
- 3. Now mount the 20 pin IC socket (notched end towards pin 1), the DB9F socket and the pins for J1, J2 and J3.
- 4. Double check all your work! Before placing the IC in the socket apply 7-14 vdc to the + / pins. The LED should light up. You can measure the regulated voltage of approx 5v on Pin 7 of the IC. If all is well, disconnect the power and place the IC in the socket. See Jumper selection chart to configure the module.



Jumper Selection For CTS/RTS J1, J2 ON J3 OFF For No handshake J1, J2 OFF J3 ON

Disclaimer and Terms of Agreement

As with any kit, only the individual parts supplied are guaranteed against defects and not the user assembled unit. All kit parts are purchased from reputable sources such as Digikey Inc, Allied Electronics and Mouser Inc, however, should a kit part be ascertained to be defective it will be replaced at no charge within 30 (thirty) days of the purchase date. Beyond that, COMPSys Workbench and / or the COMPSys developer(s) assume no liability and WILL NOT be held liable nor be held responsible wholly or in part for any damages caused by the construction of and / or use of their products sold. Kits are not for commercial use and are only intended for developers and hobbyists.

(c) COMPSys 2009