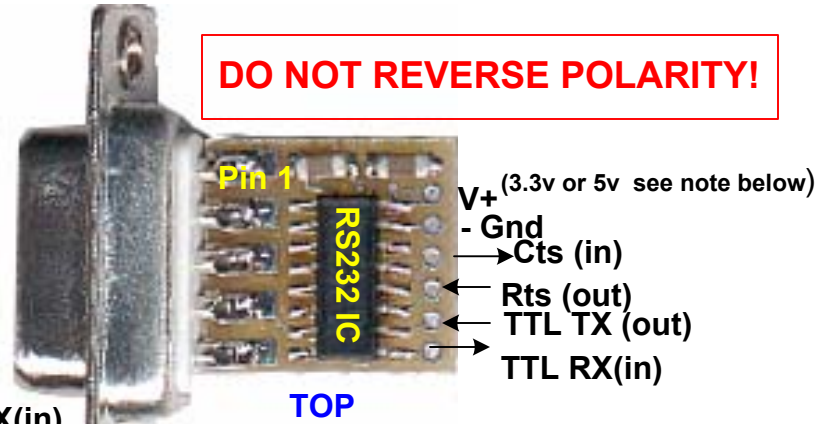
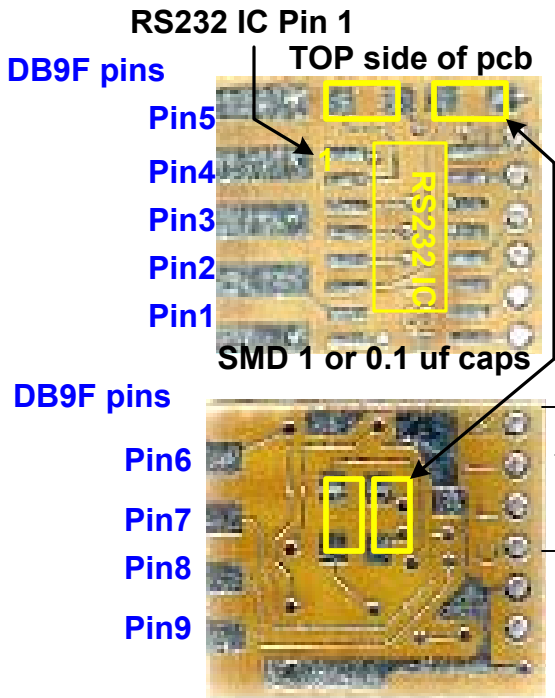
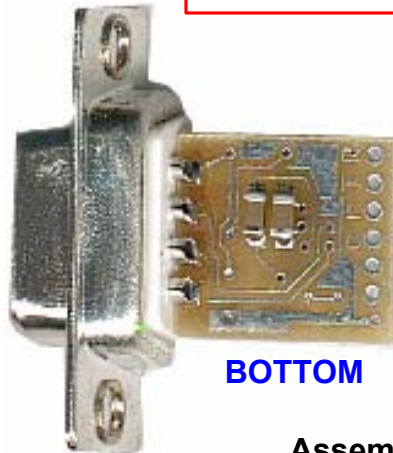


# A232DBCR RS232 adapter kit with Cts/Rts



**DO NOT REVERSE POLARITY!**

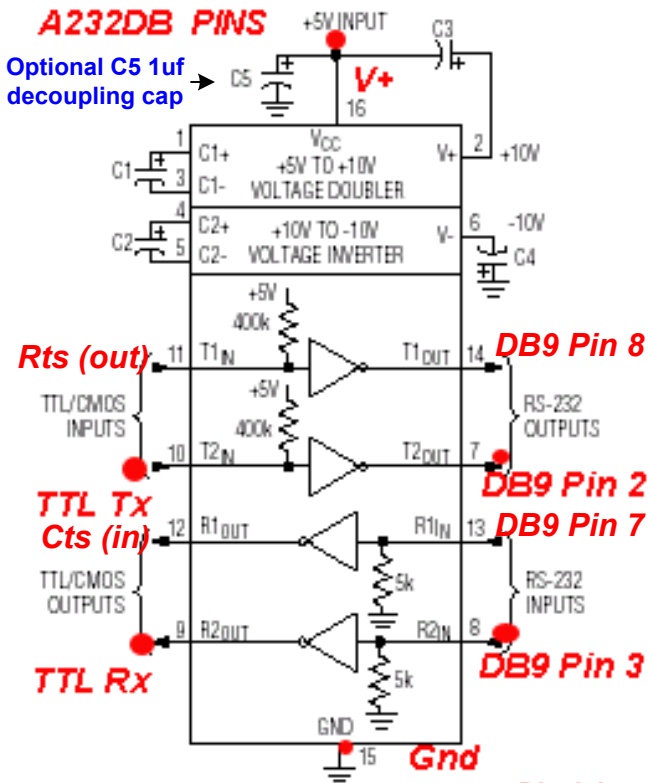
**Voltage Supply Note**  
**Do Not Exceed Maximum values**  
 5 to 7v for a Maxim 232 (or equiv) w/1uf caps  
 or  
 3.3 to 5v for a Maxim 3232 (or equiv) w/0.1uf caps



**Optional 1uf or 0.1uf cap**



You may require an optional C5 1uf decoupling cap between the V+ and Gnd lines if using lengthy wires.



**BOTTOM**

## Assembly Notes

Use quality solder approx .020" dia and a fine point soldering iron approx 20w. Carefully mount the RS232 SOIC first observing correct orientation (**Pin1 is the 'banded' beveled edge**) . Apply only tiny amounts of solder if needed. Next, install the four SMD 1uf or 0.1uf capacitors. The caps are non-polar and do not have +,- markings. Finally solder the DB9F socket. **Before soldering, make sure that the top and bottom DB9 pins align with the pads and that they do not touch other traces!**

Only use a standard RS232 cable with a DB9 connection, do not use a null modem type cable.

## 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 .