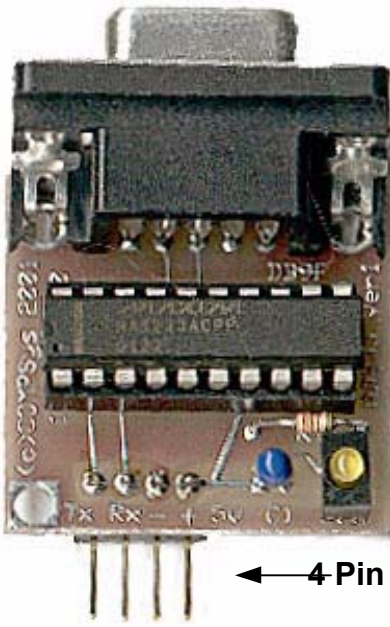
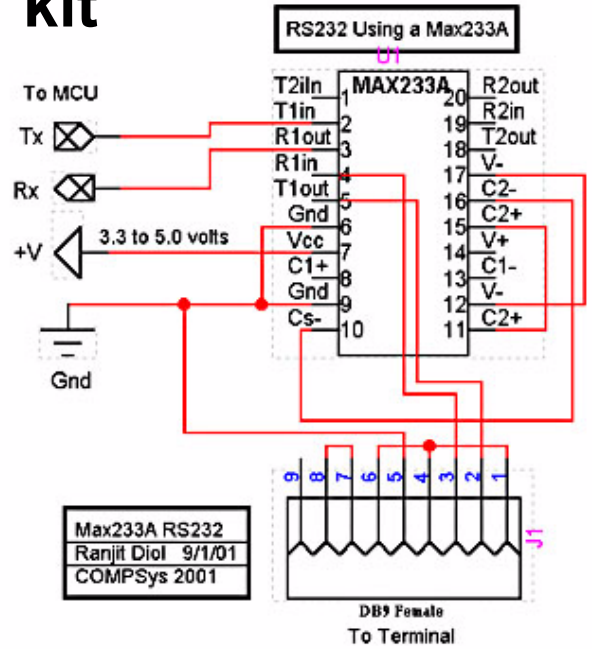
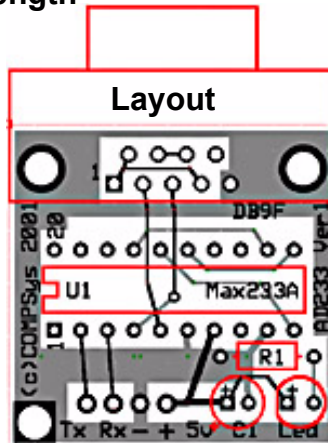


# AD233AK 233A ver 1 kit



Shown Assembled

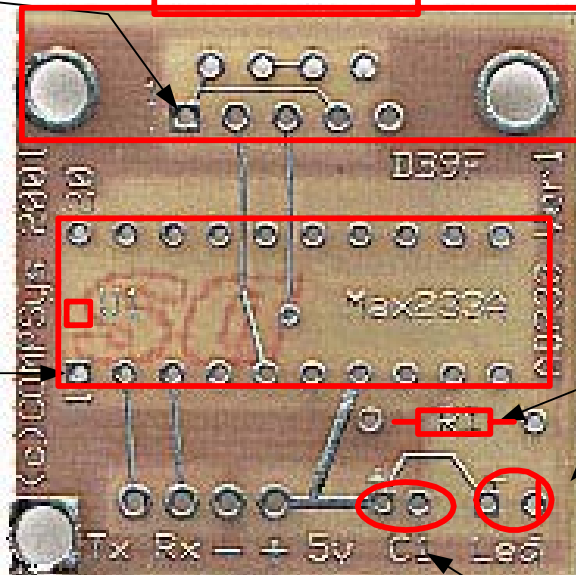
Solder braces  
(bottom side) for  
strength



DB9 female connector,  
Square pad is Pin 1

AD233AK PCB Component side

Max233 or equivalent  
Pin 1 (notched end of IC)



\* NOTE: With a 3.3v supply the AD233 provides an RS232 voltage swing from approx. -6v to +6v which is sufficient for most RS232 applications. However, some applications/devices may require a greater differential and may not work correctly. At 5v it provides a standard RS232 -10v to +10v.

330 Ohm resistor

Power LED  
Observe polarity  
(long leg is +)

1uf or 0.1uf Capacitor  
Observe polarity  
(long leg is +)

TTL Tx and Rx pin  
connections

Out In

Supply Voltage

3.3\* - 7v DC (see note above)

**DO NOT REVERSE  
POLARITY!**

Note: Some capacitors will not have +/- markings, in that case polarity is not an issue and the leads can go in either position

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 .