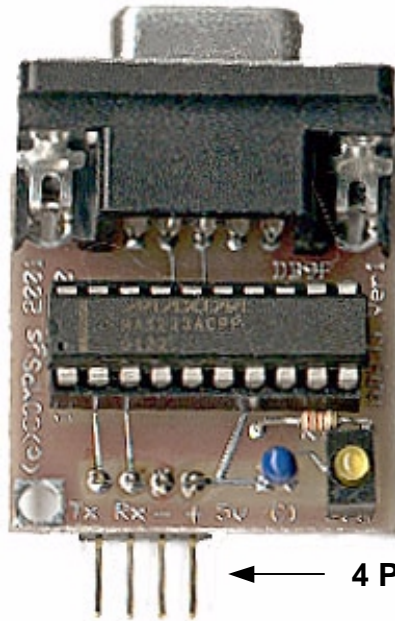


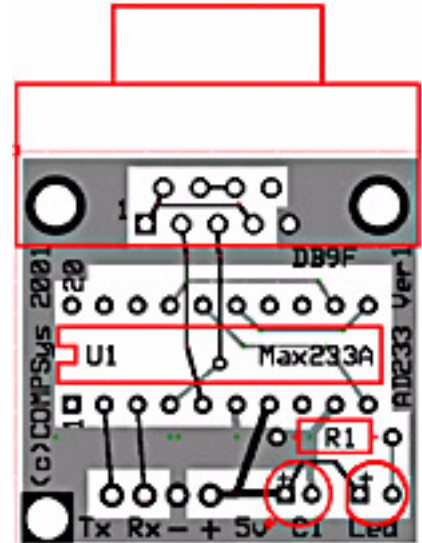
AD233AK 233A ver 1 kit



Assembled

Solder braces
(bottom side)
for strength

4 Pin Rt Angled header



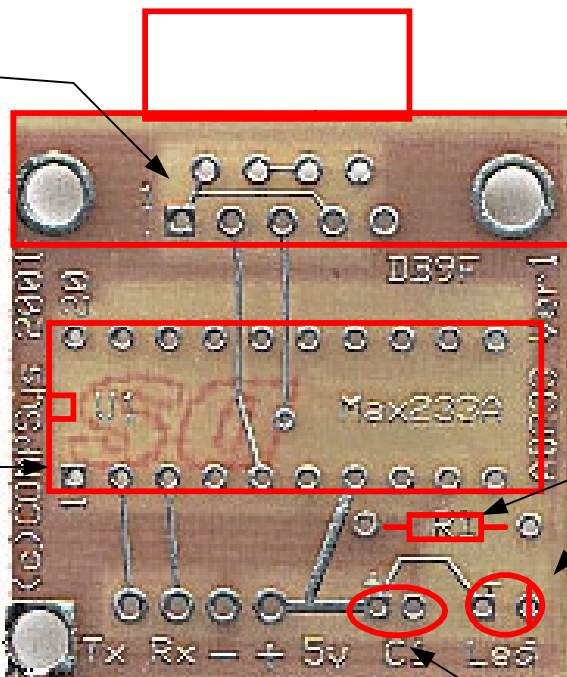
Layout

AD233AK PCB Component side

DB9 female connector,
Square pad is Pin 1

Max233A or ADM233L
Pin 1 (notched end of IC)

TTL Tx and Rx pin
connections from micro
controller



330 Ohm resistor

Power LED
Observe polarity
(long leg is +)

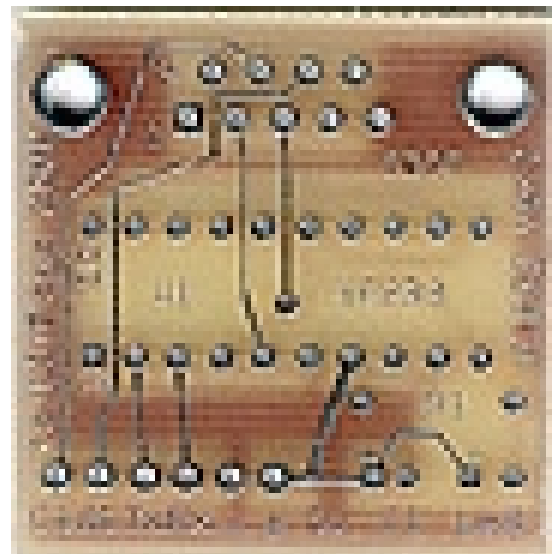
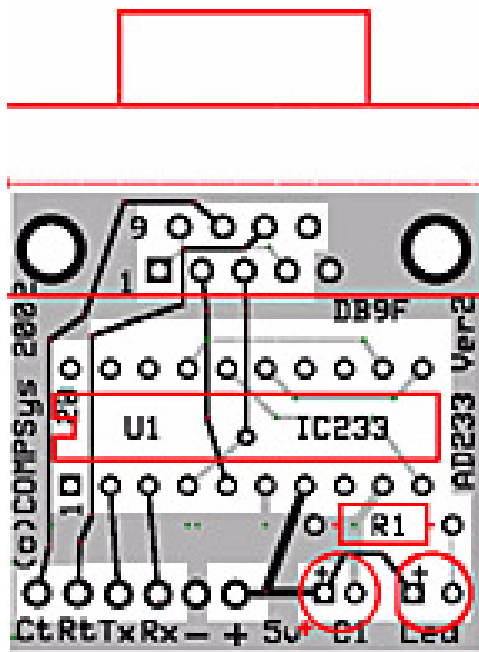
1uf Capacitor
Observe polarity
(long leg is +)

Supply Voltage 3.3 - 7v DC

**DO NOT REVERSE
POLARITY!**

AD233AK 233B ver 2 (CTS/RTS from DB9) kit Addendum

The AD233B is identical to the AD233A with the exception of pinouts being provided for the CTS/RTS handshake. If you place a jumper on the CTS/RTS pins it will act just like the AD233A (a null modem)



CTS/RTS pinouts*

TTL Tx and Rx pin connections from micro controller

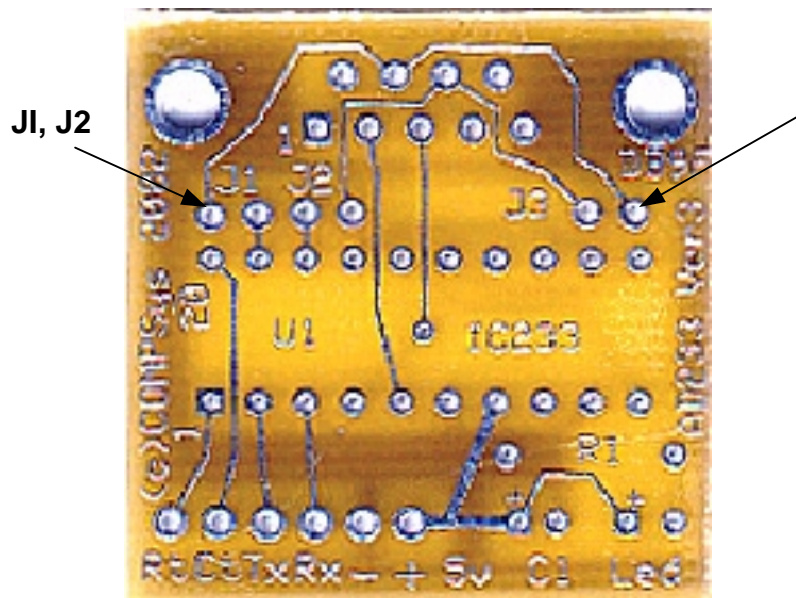
*Note: Jumper the CTS-RTS pins if you do not want to use the CTS/RTS handshake and want to use the AD233 as a null modem

AD233AK 233B ver 3

CTS/RTS (via transceiver) kit Addendum

The AD233B is identical to the AD233A with the exception of pinouts being provided for the CTS/RTS handshake. If you place a jumper on the J3 pins and remove the jumpers from J1 & J2, it will act just like the AD233A (a null modem). To use CTS/RTS place jumpers on J1 and J2 and remove from J3

J3



	J1	J2	J3
To use CTS/RTS	ON	ON	OFF
For null modem (default)	OFF	OFF	ON