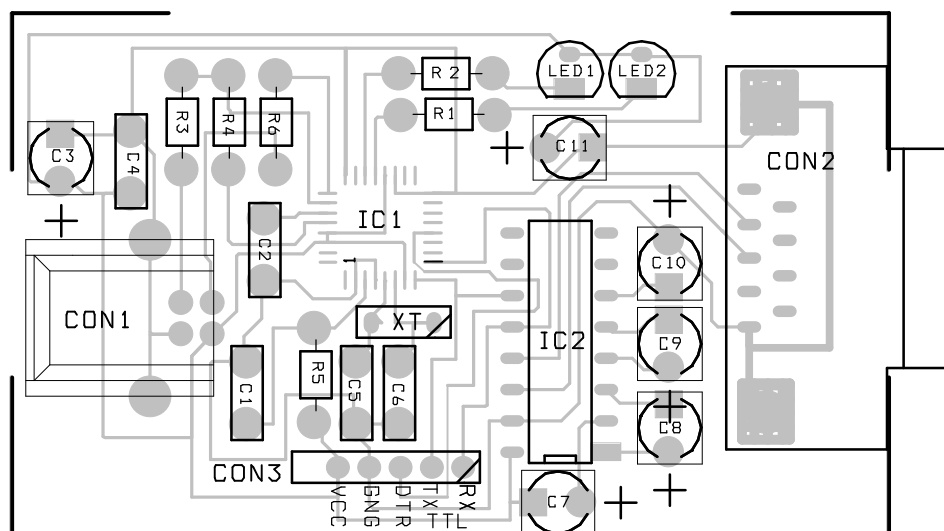
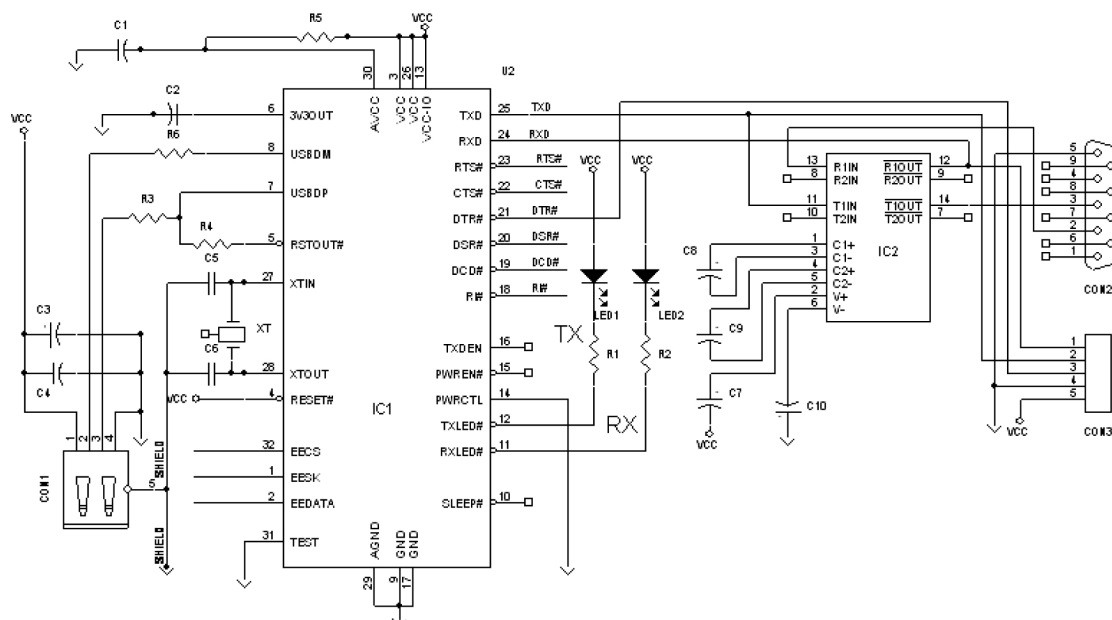


USB TO SERIAL INTERFACE (with output for MCU)

GE 195



BILL OF MATERIALS:

R1, R2:	220 OHM (Red, Red, Brown)
R3, R6:	18 OHM (Brown, Gray, Black)
R4:	1.5 K OHM (Brown, Green, Red)
R5:	510 OHM (Green, Brown, Brown)
C1:	100 nF 50 V 104
C2:	33 nF 50 V 333
C3, C11:	10 uF 50 V
C4:	10 nF 50 V 103
C5, C6:	22 pF 50 V 22
C7, C8:	1 uF 50 V

C9, C10:	1 uF 50 V
XT:	6 MHZ (Oscillator)
IC1:	FT232BM (USB Serial Interface)
IC2:	MAX232 (TTL TO RS232)
SUPPORT IC	16 PINS
LED1:	Led Yellow 3mm
LED2:	Led Red 3 mm
CON1:	Female PCB USB B
CON2:	DB9 Female
CD:1	

** The VCC and GND are outputs Voltage 5V DC. (Take power from USB port.)