Simple RS-232 interface
for PIC Microcontroller to PC

+3.3 to
+5 Volts

PIC TxD

PIC RxD

Gnd

10k

10k

10k

PNP
BC559

4k7

NPN
BC548

4k7

4k7

1N4148

100nF

9 way
female

1

5