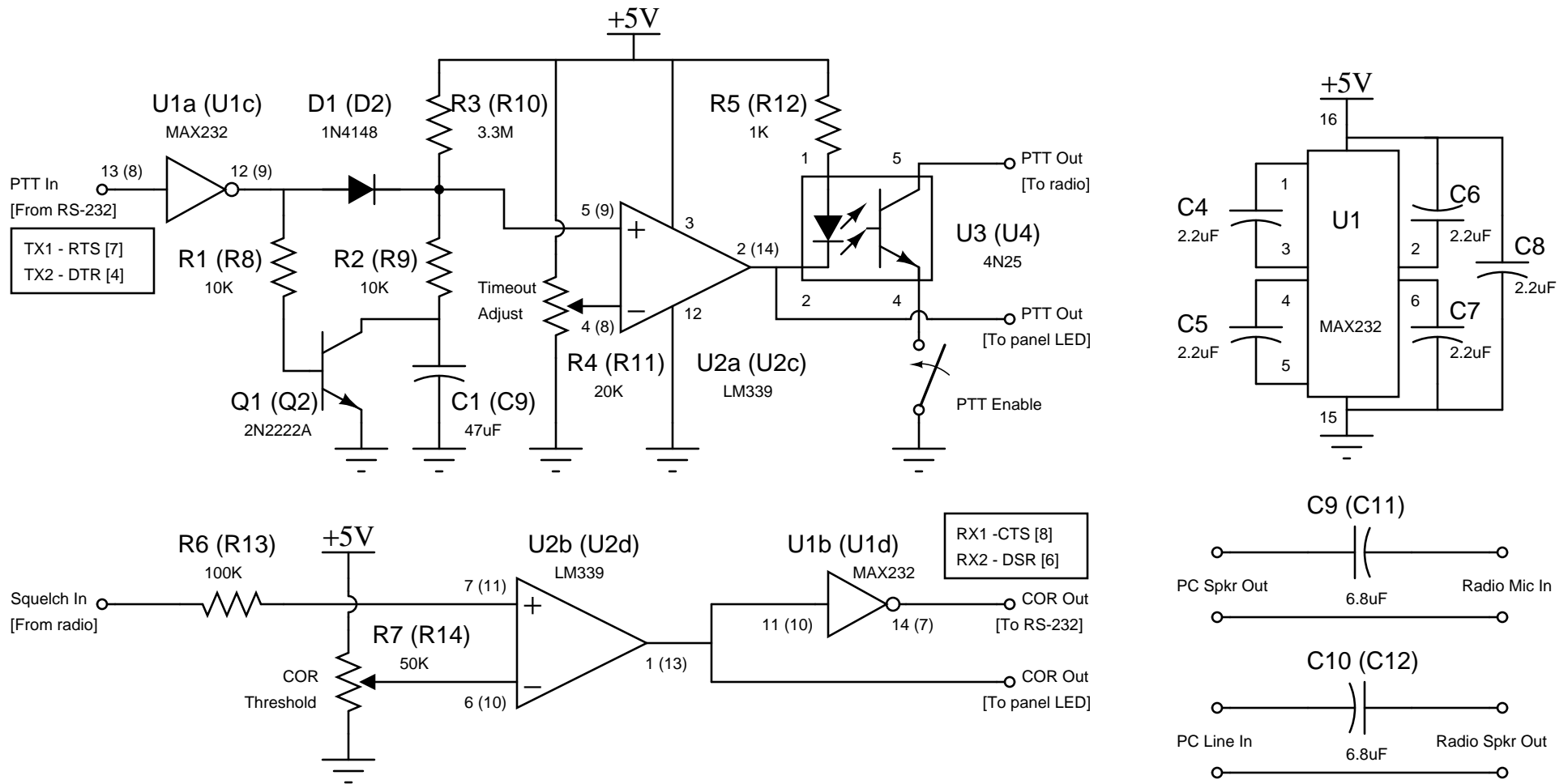


# Radio to PC Interface for SvxLink

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Values shown in parantheses are for an optional second radio interface. The data within the boxes is the recomended 9-pin RS-232 serial connections.

Most component valuse are not critical, with the exception of the timing RC and perhaps the current limiting resistor for the LED in the 4N25. Feel free to use whatever is in your junkbox.

Optional LED status indicators, as well as the PTT enable toggle switch, mount on the front panel. Feed each LED with a 1K resistor supplied from the +5V.

Adjust R4 (R11) for your desired watchdog timeout. Recommended value is 3 minutes to meet FCC regulations. A quick way to adjust this value is to force pin 13 (8) of U1a (U1c) high and measure the voltage on pin 5 (9) of U2a (U2c) after three minutes with a high Z voltmeter. Adjust the timeout adjust for the same voltage on pin 4 (8) of U2a (U2c). On my system, a voltage of 3.28 volts gives me a 3 minute timeout for both watchdog timers.