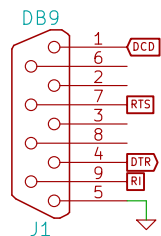
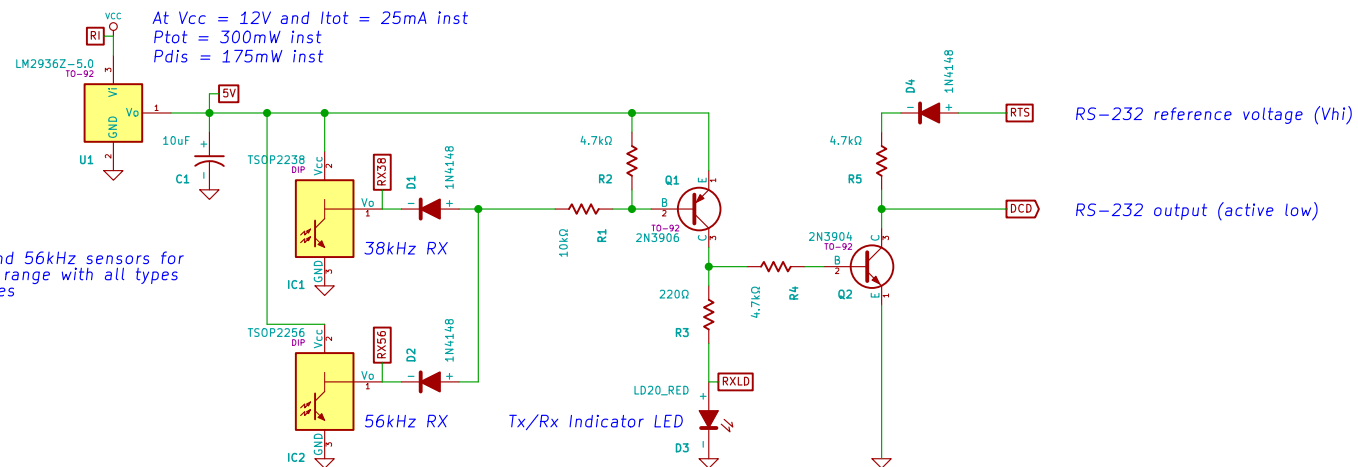


RX



38kHz and 56kHz sensors for maximal range with all types of remotes



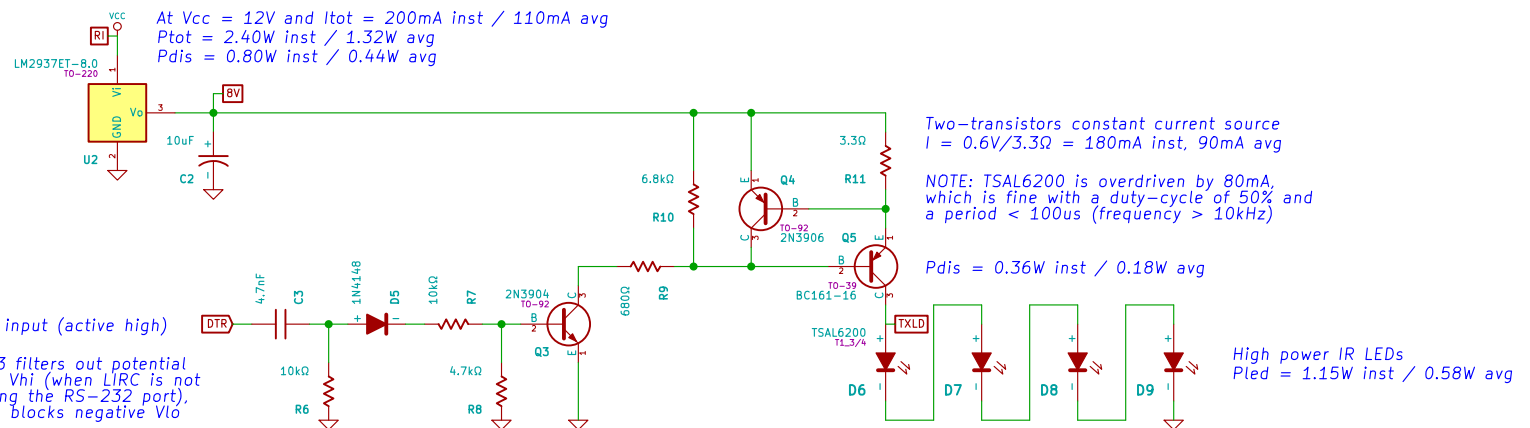
Power: 12V over RS-232 (RI pin with supporting card) or 9V battery

Note: RS-232 specification: $V_{lo} = -15V$ to $-3.3V$; $V_{hi} = +3.3$ to $+15V$ (depending on actual card); tolerate up to $\pm 25V$

TX

RS-232 input (active high)

NOTE: C3 filters out potential constant V_{hi} (when LIRC is not controlling the RS-232 port), while D5 blocks negative V_{lo}



CC-BY

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File: LIRC-HighPowerSerialTransceiver.sch

Sheet: /

Title: LIRC High-Power Serial Transceiver

Size: A4

Date: 22 nov 2016

Rev:

KiCad E.D.A.

Id: 1/1