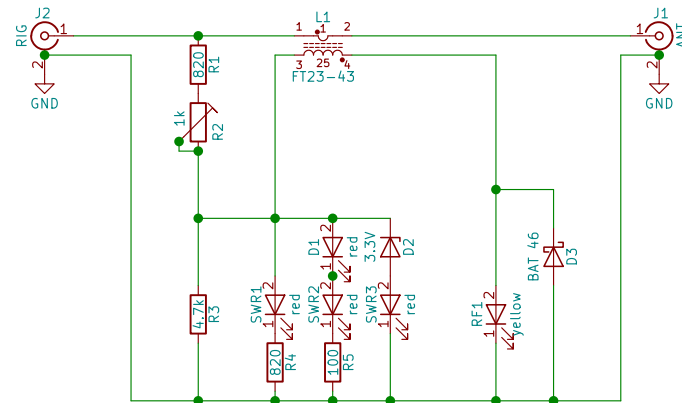


TinySWR Meter



The choice of LEDs is critical. The following types work well in my tests:
 SWR1-3: KINGBRIGHT L-934LID (Reichelt: LED 3MM 2MA RT), Forward Voltage typ 1.7, max 2.0
 RF1: KINGBRIGHT L-934LYD (Reichelt: LED 3MM 2MA GE) Forward Voltage typ 1.8, max 2.1 V
 D1: OSRAM OPTO LS M67K-H2L1-1-Z (Reichelt: LS M67K), Forward Voltage min: 1.7, max 2.2, typ 1.8 V

Schematic based on the design by Hans Steinort (DF3OS),
 see <http://www.sp5jnw.sem.pl/konstrukcje/atudf3oshtm/atudf3oseng.pdf>,
 with improvements from Dieter Engels (DJ6TE) and
 Hannes Hiller (DL9SCO).

Martin Hepp, DK3IT

Sheet: /

File: tinyswr.sch

Title: TinySWR

Size: A4

Date:

KiCad E.D.A. kicad 4.0.6

Rev: 1.2

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