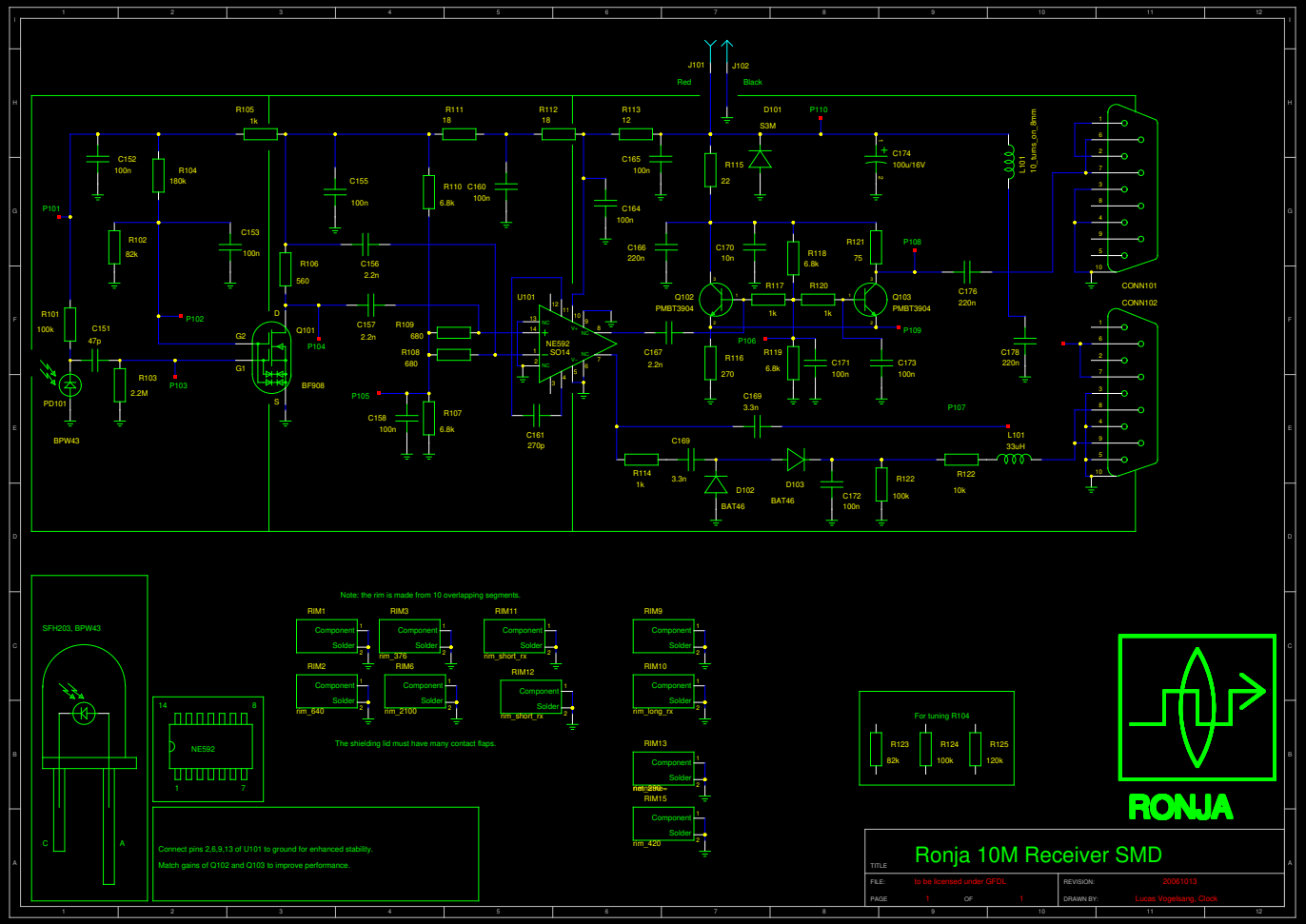


Connect pins 2,6,9,13 of U101 to ground for enhanced stability.

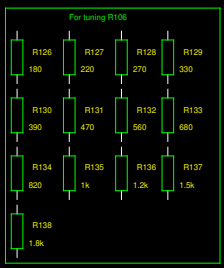
Match gains of Q102 and Q103 to improve performance.

Note: the rim is made from 10 overlapping segments.

The shielding lid must have many contact flaps.

RONJA

Ronja 10M Receiver SMD

TITLE			
FILE:	to be licensed under GFDL	REVISION:	20061013
PAGE	1 OF 1	DRAWN BY:	Lucas Vogelsang, Clock

Point	DC voltage minimum	DC voltage maximum	Adjust	Note
P101	P110–0.7V	P110		
P102	3.5V	4V	R104	
P103	0mV	0.1mV		
P104	5V	6V	R106	Measure with RSSI <2V
P105	P110/2–0.5V	P110/2+0.5V		
P106	P110/2–0.7V	P110/2+0.5V		
P107	0V no signal	4V overdrive		Also called RSSI. 0V may be like 60mV, varies piece to piece
P108	P110–1.3V	P110–0.9V		
P109	P106–0.8V	P106–0.6V		
P110	11.5V	12.5V