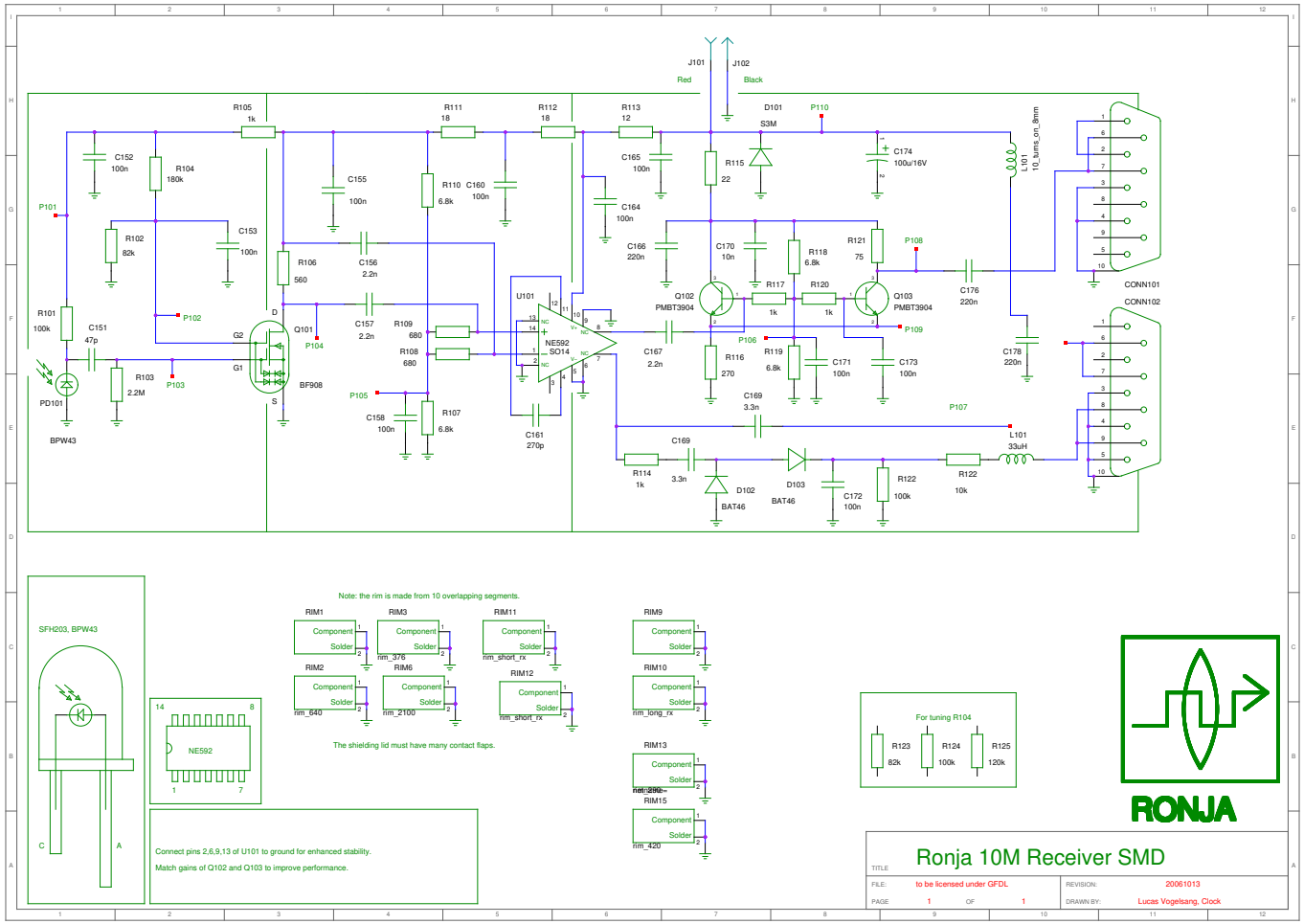

Note: the rim is made from 10 overlapping segments.

The shielding lid must have many contact flaps.

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

Match gains of Q102 and Q103 to improve performance.

Ronja 10M Receiver SMD

TITLE			
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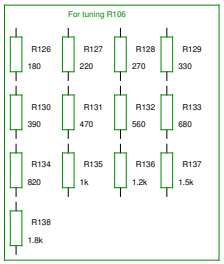
PAGE	1 OF 1	DRAWN BY:	Lucas Vogelsang, Clock

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