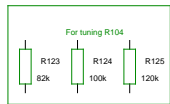


Connect pins 2,6,9,13 of U101 to ground for enhanced stability.
Match gains of Q102 and Q103 to improve performance.

Note: the rim is made from 10 overlapping segments.
The shielding lid must have many contact flaps.



| | |
|--|---|
| Ronja 10M Receiver SMD | |
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| PAGE: 1 OF 1 | DRAWN BY: Lucas Vegetsäng, 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±0.5V | P110±0.5V | | |
| P106 | P110±0.7V | P110±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 | P106-0.6V | P106-0.6V | | |
| P110 | 11.5V | 12.5V | | |

