

Generic Sequencer SMD v1 OE8WOZ

Battery supply: 9.0 - 14.4V

PA channel current: up to 10A

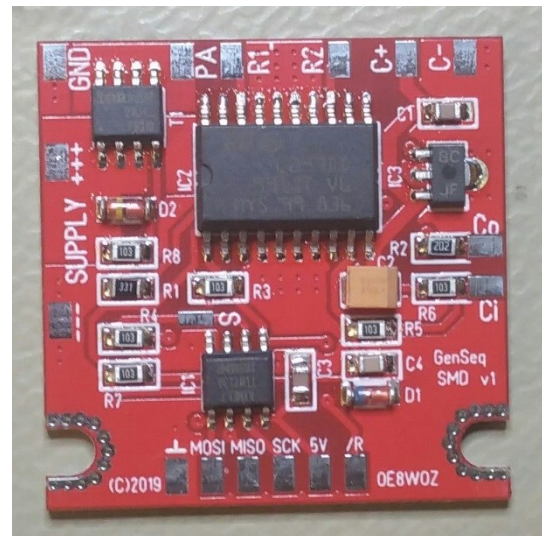
Switch channel current: up to 0.3A

Low-active switching input (PTT)

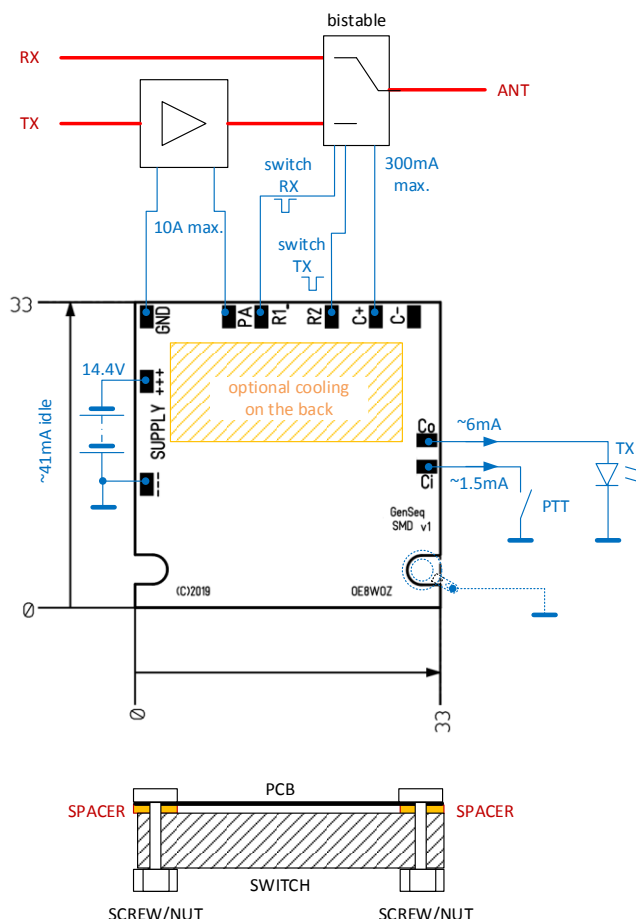
Usually no cooling required*

Fits on standard RF SPDT switches

Configurable control



Application circuit



The μC is configured to control:

- one bi-stable switch, common (+)
- one PA
- an optional TX control LED

The sequence will follow:

When C1 goes low:

- Pulse R2 low
- Switch on PA

When C1 goes high (and on reset):

- Switch off PA
- Pulse R1 low

Further notes

- If mounted directly on a switch, please put an insulating layer or spacers on the mounting points between the PCB and the switch (so the switch does not touch metallic parts on the bottom side).
- You may cool the PCB from the backside with insulated, thermal conducting tape just below the three IC near the PA/R1/R2 connections (P-MOS, Driver IC, VREG).

* typical room temperature usage, roughly 20...30°C heat-up