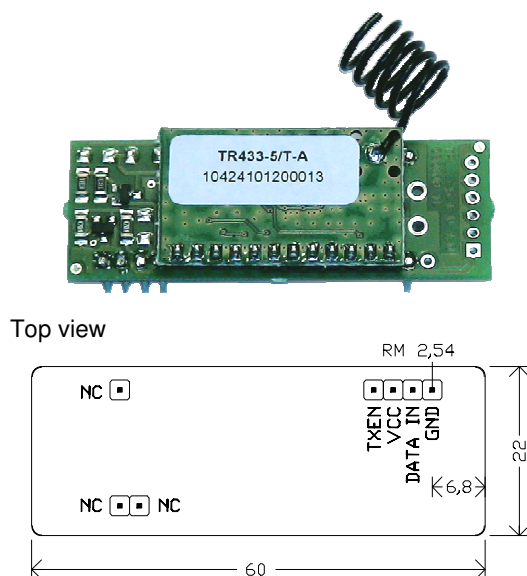


TR433-5/T-A (10/T-Pinning)

Technical Data



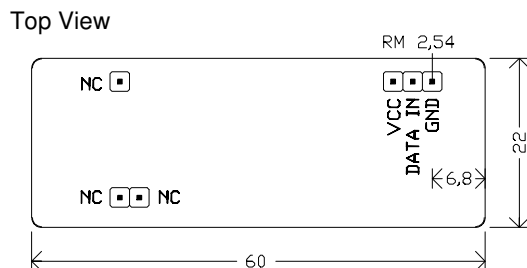
Operating Frequency 433,92 MHz
Modulation FM
Equiv. Radiation Power max. 8 dBm (6,3 mW)
Frequency Modulation ± 20 kHz (FSK)

Operating Voltage **Vcc** 5 Vdc – 12 Vdc
Current Operation (TXEN = Vcc) 31 mA @ 5 Vdc
Stand-By (TXEN = Gnd) < 1 μ A @ 5 Vdc
Carrier wake-on Time max. 2,5 ms

Data Input **DATA IN** low < 0,5 V
high > 1,7 V
max. 5 Vdc
Current **DATA IN** 2 mA @ 5 Vdc
Datarate max. 10 kBaud
Operating Temperature -20 - +50 °C
Dimensions (L x B x H) 60 x 22 x 11 mm
Aerial $\lambda/4$ whip
Software Version V 1.0 (Reference)

TR433-5/T-A (1/T-Pinning)

Technical Data



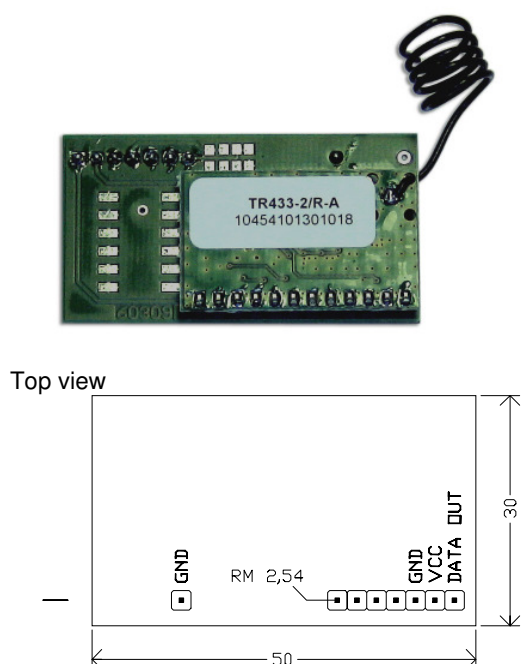
Data comply with TR433-5/T-A (see above), except that there is no TXEN-Pin. This modul generates an unmodulated rf-carrier directly after applying Vcc und carrier wake-on time.

Attention:
This behaviour is not identical with the HE433-1/T-module, which generates an rf-carrier only after applying a serial data stream on DATA IN.

Software-Version V 1.0 (Reference)

TR433-2/R-A

Technical Data



Operating Frequency 433,92 MHz
Demodulation FM
Bandwidth 140 kHz
Sensitivity ca. -109 dBm / 50 Ω
Datarate max. 10 kBaud

Operating Voltage **Vcc** 5 Vdc $\pm 10\%$
Current 18 mA

Settling Time < 10 ms

Data Output **DATA OUT** low < 0,5 V
high > 1,5 V
max. 3,3 Vdc
680 Ω

Data Output **DATA OUT Ri**

Operating Temperature -20 - +50 °C
Dimensions (L x B x H) 50 x 30 x 11 mm
Aerial $\lambda/4$ whip

Software-Version V 1.0 (Reference)

All non designated terminals no connect