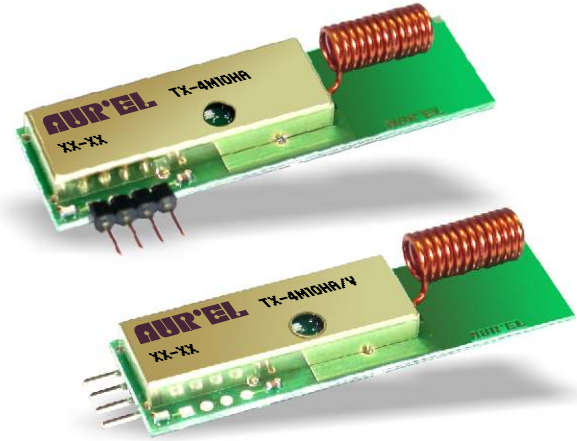


AM OOK 433.92 code sending

TX-4M10HA
TX-4M10HAV



434 Mhz AM (OOK) transmitters with helical antenna



Description

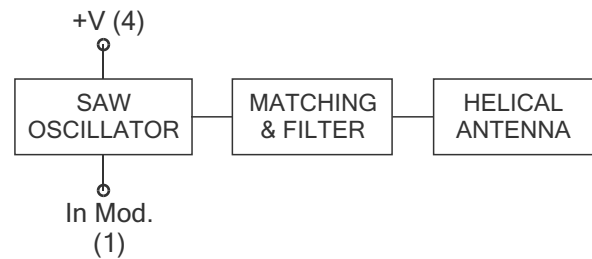
SAW transmitter module with helical antenna ideal for applications where it is required maximum irradiated power and minimal space occupation.

In compliance with European Normative.

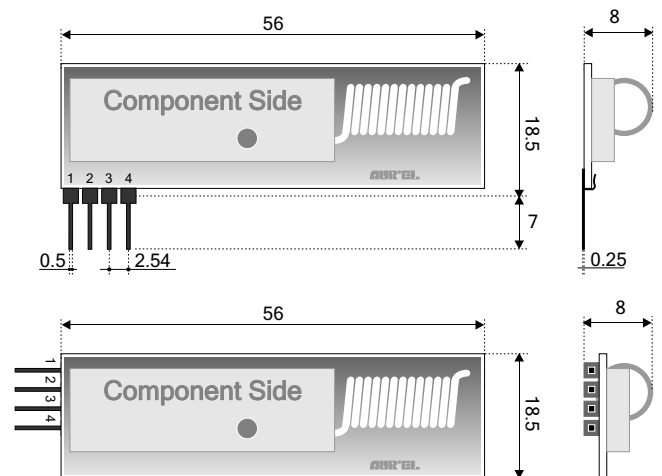
Descrizione

Modulo trasmettitore SAW con antenna elicoidale, ideale per applicazioni ove sia richiesta la massima potenza irradiabile e il minimo ingombro in termini di spazio occupato. Conforme alle Normative Europee.

Block diagram



Mechanical Dimensions



Pin-out

- 1) Input mod.
- 2) Ground
- 3) Ground
- 4) +V

434 Mhz OOK Transmitter with helical antenna

Technical Specification

Ta = 25 °C

| Characteristics | Min | Typ | Max | Unit |
|---|--------|--------|--------|------|
| V _s Supply Voltage | 2.5 | 3 | 3.3 | Vdc |
| I _s Supply Current (*) | | 25 (*) | | mA |
| F _c Carrier frequency | 433.82 | 433.92 | 434.02 | MHz |
| P _o RF Output power (E.R.P.) | | | 10 | mW |
| E _s RF spurious emission | | -50 | | dBm |
| F _m Square wave modulation | | | 5 | KHz |
| L _H High logic level | 2.7 | | 3.3 | V |
| L _L Low logic level | 0 | | 0.2 | V |
| T _{OP} Operating temperature range | -20 | | +80 | °C |

(*) Duty Cycle 50%

Specifiche Tecniche

Ta = 25 °C

| Caratteristiche | Min | Tip | Max | Unit |
|--|--------|--------|--------|------|
| V _s Alimentazione | 2.5 | 3 | 3.3 | Vdc |
| I _s Corrente assorbita (*) | | 25 (*) | | mA |
| F _c Frequenza portante | 433.82 | 433.92 | 434.02 | MHz |
| P _o Potenza di uscita (E.R.P.) | | | 10 | mW |
| E _s Emissioni RF spurie | | -50 | | dBm |
| F _m Frequenza di modulazione | | | 5 | KHz |
| L _H Livello logico alto (@Vs=3V) | 2.7 | | 3.3 | V |
| L _L Livello logico basso (@Vs=3V) | 0 | | 0.2 | V |
| T _{OP} Temperatura di lavoro | -20 | | +80 | °C |

(*) Duty Cycle 50%

Part Number / Model

P.N. 650200819 mod. TX-4M10HA
P.N. 650200834 mod. TX-4M10HA/V