

Trasmittitore 433 MHz ASK SAW su FR4

433 MHz ASK SAW - FR4 Substrate

TX SAW MID 5V/CS

Part Number: 650201132G

DESCRIZIONE

Modulo trasmettitore AM OOK, quarzato mediante risuonatore SAW.

Stadio "buffer" che garantisce sia la potenza che basse armoniche in uscita, consentendo elevata immunità ai disadattamenti.

Nuova versione su circuito stampato del modulo TX-SAW MID 5V assemblato su substrato di allumina.

Stesso nuovo pin-out MID.

La nuova tecnologia, assicura le stesse prestazioni del modello precedente.

DESCRIPTION

AM OOK transmitter module with SAW resonator.
Buffer stage for enhanced power and low harmonics on output allowing high immunity against disadjustments.

Printed circuit version of the well established long available, TX-SAW MID 5V assembled on alumina substrate.

Same new MID pin-out.

New technology, while assuring same radio performances.

TECHNICAL SPECIFICATION

Ta = 25 °C

| CHARACTERISTICS | CARATTERISTICHE | MIN | TYP | MAX | UNITÀ |
|----------------------------------|-------------------------------------|--------|--------|--------|-------|
| Supply voltage | Alimentazione | 4 | 5 | 9 | Vdc |
| Supply current with modulation * | Corrente assorbita con modulazione* | 2.4 | 5.5 | 7 | mA |
| Stand-by consumption | Consumo in stand-by | | | 1 | µA |
| Carrier frequency | Frequenza di trasmissione | 433.82 | 433.92 | 434.02 | MHz |
| RF Output power | Potenza RF | | 12 | | dBm |
| Square wave modulation | Onda quadra in ingresso | | 5 | 10 | KHz |
| Livello logico alto | High logic level | 5.5 | | 5.5 | V |
| RF spurious emission | Emissioni RF spurie in antenna | | | - 40 | dBm |
| Operating temperature range | Temperatura di lavoro | -20 | | +80 | °C |

* Duty Cycle : 50%

Disponibile versione 3V

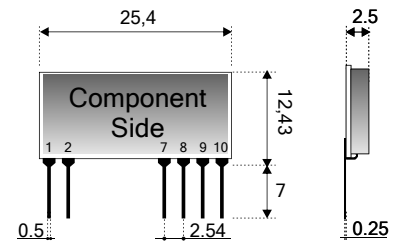
Available 3V version

Part Number: TX SAW MID 3V/CS

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DIMENSIONS



COMPONENT SIDE



PIN-OUT

- 1 - TX DATI
- 2 - GND
- 7 - GND
- 8 - RF OUT
- 9 - GND
- 10 - VCC