

Trasmittitore 433 MHz ASK SAW su FR4

433 MHz ASK SAW - FR4 Substrate

TX SAW MID 3V/CS

Part Number: **650201131G**

DESCRIZIONE

Modulo trasmettitore AM OOK, quarzato mediante risonatore 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 3V 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 3V 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	1.8	3	3.5	Vdc
Supply current with modulation *	Corrente assorbita con modulazione*	2.4	5.5	7	mA
Carrier frequency	Frequenza di trasmissione	433.82	433.92	434.02	MHz
RF Output power	Potenza RF	3	10	11	dBm
Square wave modulation	Onda quadra in ingresso		5	10	KHz
RF spurious emission	Emissioni RF spurie in antenna			- 36	dBm
Operating temperature range	Temperatura di lavoro	-20		+80	°C

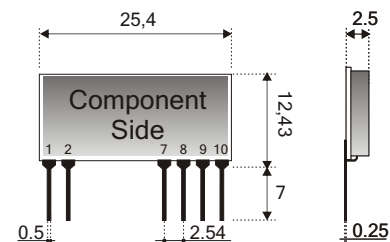
* Duty Cycle : 50%

Disponibile versione 5V

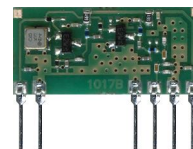
Available 5V version

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DIMENSIONS



COMPONENT SIDE



PIN-OUT

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

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