

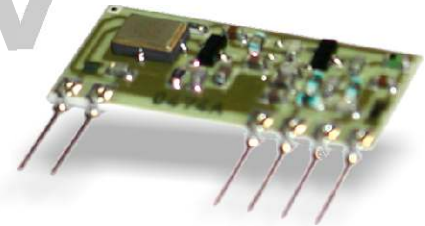
AM OOK 433.92 code sending

TX-SAW MID/3V



High Performance Mini Transmitter

3V



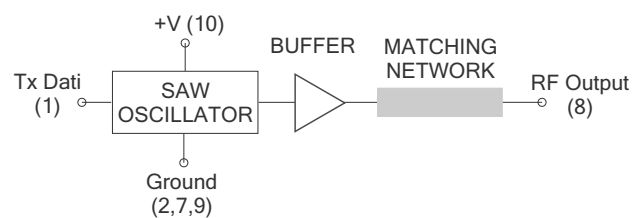
Descrizione

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

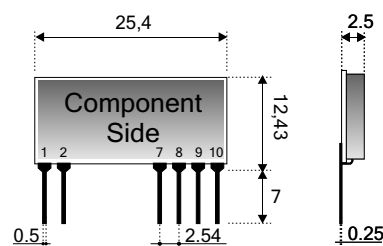
Descrizione

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.

Block diagram



Mechanical Dimensions



Pin-out

- 1 = Tx DATI
- 2 = GND
- 7 = GND
- 8 = Uscita RF (50.)
- 9 = GND
- 10 = Vcc

All dimensions are in millimeters

434 MHz AM OOK High performance mini Transmitter

Technical Specification

Ta = 25 °C

Characteristics	Min	Typ	Max	Unità
V _S Supply Voltage	1.8	3	3.5	Vdc
I _S Supply Current with Modulation *	2.4	5.5	7	mA
F _W Carrier frequency	433.82	433.92	434.02	MHz
P _O RF Output power	3	10	11	dBm
S _I Square wave modulation		5	10	KHz
E _A RF spurious emission			- 36	dBm
T _{OP} Operating temperature range	-20		+80	°C

* Duty Cycle : 50%

Specifiche Tecniche

Ta = 25 °C

Caratteristiche	Min	Typ	Max	Unità
V _S Alimentazione	1.8	3	3.5	Vdc
I _S Corrente Assorbita con Modulazione*	2.4	5.5	7	mA
F _W Frequenza di Trasmissione	433.82	433.92	434.02	MHz
P _O Potenza RF	3	10	11	dBm
S _I Onda quadra in ingresso		5	10	KHz
E _A Emissioni RF spurie in antenna			- 36	dBm
T _{OP} Temperatura di lavoro	-20		+80	°C

* Duty Cycle : 50%

Part Number / Model

650200798
mod. TX-SAW MID/3V