



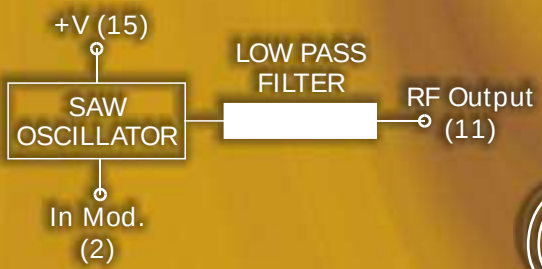
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SAW RF Transmitter Module

400 to 600 mW RF Output

TX-SAW BOOST
(650200427)



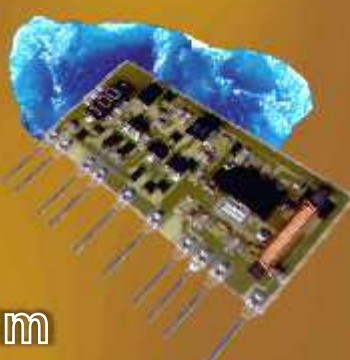
@12v 26dBm

@15v 28dBm

Variable Power Supply

Pin-out

- 1) Ground
- 2) Input Mod.
- 4) Ground
- 5) Ground
- 7) Ground
- 9) Ground
- 11) RF Output
- 12) Ground
- 13) Ground
- 15) + V (12 to 18V)



Information subject to change without notice

Description

SAW transmitter module with external antenna ideal for applications when you need to modulate ON-OFF a RF carrier with digital signals.

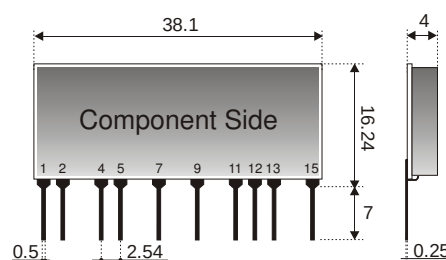
High power and low spurious RF emission are the main characteristics.

Descrizione

Modulo trasmettitore SAW con antenna esterna per applicazioni con modulazione ON-OFF di una portante RF con dati digitali.

L'elevata potenza e la bassa emissione di spurie sono elementi primari del modello.

Mechanical Dimensions



Technical Specification

Ta = 25 °C

CHARACTERISTICS		MIN	TYP	MAX	UNIT
V _s	Supply Voltage • Alimentazione	12		15	Vdc
I _s	Supply Current • Corrente assorbita	60		70	mA
F _c	Working frequency • Frequenza di lavoro		433.92		MHz
P _{ERP}	RF Output power (E.R.P.) • Potenza di uscita RF (E.R.P.)	26		28	dBm
Z _o	RF output impedance • Impedenza d'uscita RF		50		Ω
F _m	Square wave modulation • Frequenza di modulazione	4		4	KHz
L _i	Input logic level • Livello logico d'ingresso	V _s		V _s	V
T _{OP}	Operating temperature range • Temperatura di lavoro	-20		+80	°C

Products not suggested for new projects or to be used in special applications.
 Prodotto non consigliato per nuovi progetti o destinato ad applicazioni speciali.