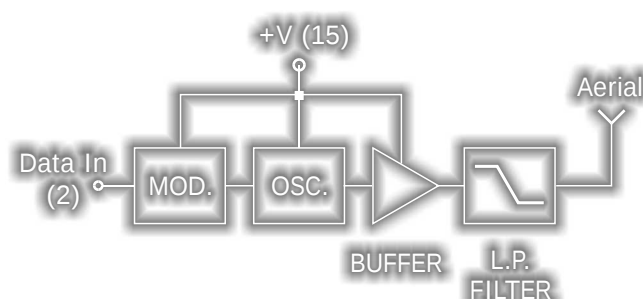


SAW RF Transmitter Module with INTEGRATED ANTENNA

TX-4M30SA03IA



@3v

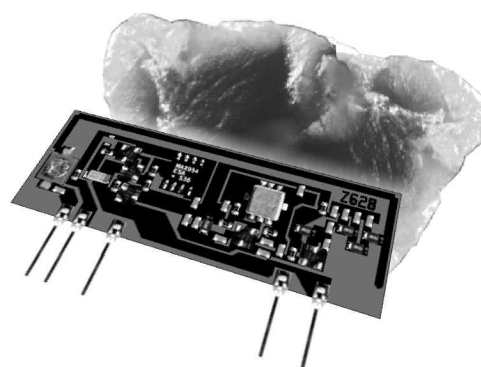
3 dBm

Pin-out

- 1) Ground
- 2) Data Input
- 4) Ground
- 13) Ground
- 15) +V



434 MHz



Information subject to change without notice

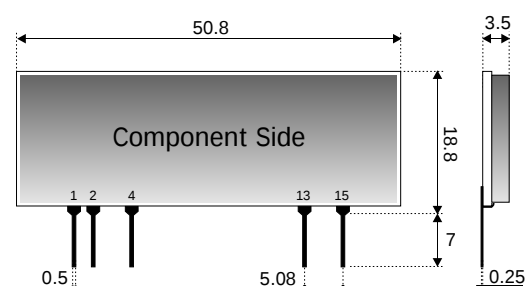
Description

SAW transmitter module with internal antenna ideal for applications when you need to modulate ON-OFF a RF carrier with digital signals.
In compliance with EN 300 220.

Descrizione

Modulo trasmettitore SAW con antenna interna per applicazioni con modulazione ON-OFF di una portante RF con dati digitali.
In accordo con EN 300 220.

Mechanical Dimensions



Technical Specification

Ta = 25 °C

CHARACTERISTICS		MIN	TYP	MAX	UNIT
V _s	Supply Voltage • Alimentazione	2.7	3	3.3	Vdc
I _s	Supply Current • Corrente assorbita		18		mA±2
F _c	Carrier frequency • Frequenza portante		433.92		MHz±75KHz
P _{ERP}	RF Output power (E.R.P.) • Potenza di uscita RF (E.R.P.)	2	3	4	dBm
F _M	Square wave modulation • Frequenza di modulazione			3	KHz
L _i	Input logic level • Livello logico d'ingresso	0		V _s	V
T _{OP}	Operating temperature range • Temperatura di lavoro	-20		+80	°C

Technical Mail : Lab-el@aurel.it

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