NEW model

433 MHz ASK transmitter
with integrated antenna

TX-434-SMALL-IA
P.N. 650201460G

DESCRIZIONE

Trasmettitore in tecnologia SMT con antenna integrata operante a 434 MHz in modulazione ASK.

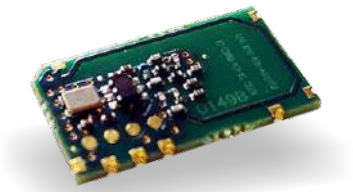
Componente ideale da integrare su radiocomandi e circuiti di piccole dimensioni.

DESCRIPTION

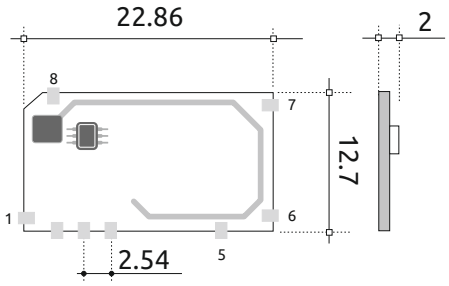
SMT transmitter with integrated antenna, operating at 434 MHz in ASK modulation.

Ideal to be integrated in Key fobs, small hardware and portable devices.

COMPONENT SIDE



DIMENSIONS



PIN-OUT

1) GND
2) +Vcc
3) TX Data
4) GND
5) N.C.
6) GND
7) GND
8) GND

TECHNICAL SPECIFICATION

Ta = 25 °C

CARATTERISTICHE		MIN	TYP	MAX	UNIT
Centro-frequenza RF di trasmissione	Carrier frequency	433.91	433.92	433.93	MHz
Alimentazione	Supply voltage	1.8	3	3.6	V
Potenza ERP	ERP power		2		dBm
Potenza ERP armoniche fino a 4 GHz	ERP spurious up to 4 GHz			-40	dBm
Corrente assorbita in stand-by	Supply current in standby mode			1	µA
Corrente assorbita in trasmissione	Supply current in TX		16		mA
Corrente assorbita portante continua	Supply current in TX RF carrier			32	mA
Corrente assorbita portante continua	Supply current in TX RF carrier			5	mA
Tensione ingresso dati	Data input voltage	1.9	3	3.3	V
Frequenza di modulazione	Square wave modulation			10	kHz
Tempo di accensione standby > TX	Switch on time standby > TX			1.5	ms
Tempo di spegnimento TX	Switch off time TX			20	ms
Temperatura di funzionamento	Operating temperature	-20		+80	°C

Information subject to change without notice

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