

433 MHz ASK transmitter with integrated antenna

TX-SMD-AI
P.N. 650201426G

DESCRIZIONE

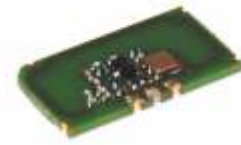
Trasmettitore in tecnologia SMT con antenna integrata operante a 433MHz in modulazione ASK.

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

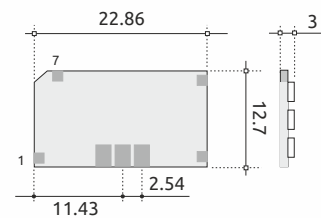
DESCRIPTION

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

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



DIMENSIONS



PIN-OUT

- 1) N.C.
- 2) +Vcc 1.8÷3.3V
- 3) GND
- 4) Data IN
- 5) N.C.
- 6) N.C.
- 7) N.C.

TECHNICAL SPECIFICATION

Ta = 25 °C

CARATTERISTICHE	CHARACTERISTICS	MIN	TYP	MAX	UNIT
Centro-frequenza RF di trasmissione	Carrier frequency	433.83	433.91	433.98	MHz
Alimentazione	Supply voltage	1.8	3	3.3	V
Corrente assorbita in stand-by	Supply current in stand-by mode		0.1	1	µA
Corrente assorbita in trasmissione ⁽¹⁾	Supply current in TX mode ⁽¹⁾		21		mA
Potenza RF a 433,92 MHz / 3V	RF output power 433.92 MHz / 3V	-4	0	2	dBm
Delta ERP range alimentazione 1.8÷3.3V	Delta ERP voltage supply range 1.8÷3.3V		6		dB
Potenza ERP armoniche fino a 4 GHz	ERP spurious up to 4 GHz			-40	dBm
Frequenza modulazione	Square wave modulation			5	KHz
Temperatura di funzionamento	Operating temperature	-20		+70	°C

⁽¹⁾Consumption measured with square wave data-IN

