

868 MHz ASK transmitter

for external antenna connection

TX-868-SMALL
P.N. 650201633G

DESCRIZIONE

Trasmettitore in tecnologia SMT operante a 868,3MHz in modulazione ASK.

Componente ideale per integrazione su radiocomandi e circuiti di dimensioni ridotte

DESCRIPTION

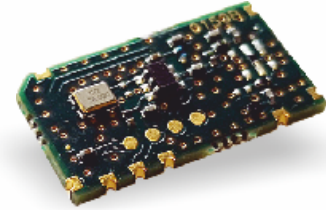
SMT transmitter operating at 868,3MHz in ASK modulation. Ideal to be integrated in Key fobs, small hardware and portable devices.

TECHNICAL SPECIFICATION

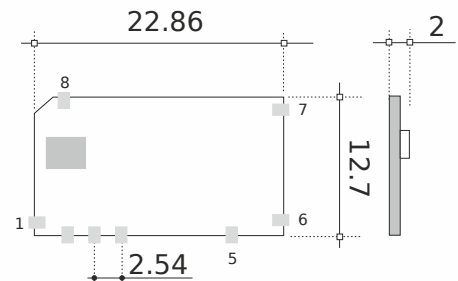
Ta = 25 °C

CARATTERISTICHE		MIN	TYP	MAX	UNIT
Centro-frequenza RF	Carrier frequency	868,28	868,3	868,32	MHz
Alimentazione	Supply voltage	1.8	3	3.6	V
Potenza ERP	ERP power	8	9	10	dBm
Potenza ERP armoniche <4 Ghz	ERP spurious up to 4 Ghz			-40	dBm
Corrente assorbita in stand-by	Supply current in standby mode			1	µA
Corrente assorbita TX 50%	Supply current in TX 50%		16		mA
Corrente assorbita portante	Supply current in TX RF carrier			32	mA
Corrente assorbita PWDN	Supply current PWDN mode			1	uA
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

COMPONENT SIDE



DIMENSIONS



PIN-OUT

- 1)GND
- 2)+Vcc
- 3)TX Data
- 4)GND
- 5)RF Output
- 6)GND
- 7)GND
- 8)GND