

868 MHz Tiny size transceivers

HIGH SENSITIVITY & POWER DOWN FUNCTIONALITY

RTX MID 868 FSK

P.N. 650201258G

RTX MID 868 OOK

P.N. 650201259G

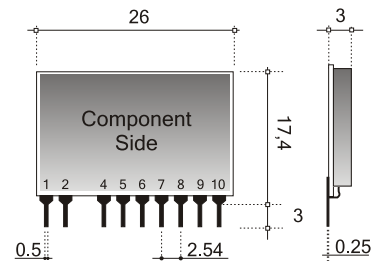
Descrizione

Ricetrasmittitore di dati digitali operante alla frequenza 868.3 MHz con modulazione FSK o OOK.
 Conforme con la norma ETSI EN 300 220-1 V2.3.1
 Disponibile nelle versioni con frequenze alternative all'interno della banda 860-870 MHz.

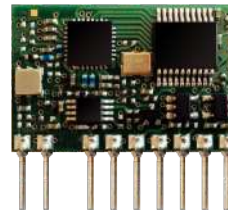
Description

Digital data transceiver operating at the frequency 868.3 Mhz, OOK or FSK modulation.
 Compliant with ETSI EN 300 220-1 V2.3.1
 Available with alternative frequencies within the band 860-870 MHz

Dimensions



Component Side



Pin-Out

- 1) RF INGRESSO/USCITA
- 2) GND
- 3) Pin non presente
- 4) INGRESSO DATI DIGITALI
- 5) TX/RX
- 6) ENABLE
- 7) GND
- 8) RSSI OUT
- 9) USCITA DATI DIGITALI
- 10) +Vcc

TECHNICAL SPECIFICATION

Ta = 25 °C

CARATTERISTICHE	CHARACTERISTICS	MIN	TYP	MAX	UNIT
Alimentazione	Power supply	2.8	3.5	6	Vdc
Corrente assorbita TX FSK	Supply Current TX FSK		31		mA
Corrente assorbita TX OOK	Supply Current TX OOK		20		mA
Corrente assorbita RX ON	Supply Current RX ON		6.8		mA
Corrente assorbita Power Down	Supply Current Power Down			1	µA
Frequenza di ricezione	Reception frequency		868.30		MHz
Sensibilità FSK	FSK Sensitivity		-108		dBm
Sensibilità OOK	OOK Sensitivity		-109		dBm
Potenza RF (FSK + OOK)	RF Power (FSK + OOK)	7	8.5	10	dBm
Temperatura di lavoro	Operating temperature range	-20		+85	°C