

Mini ASK Data Transceivers

HIGH SENSITIVITY & POWER DOWN FUNCTIONALITY

RTX MID 3V

P.N. 650201033G

RTX MID 5V

P.N. 650201044G

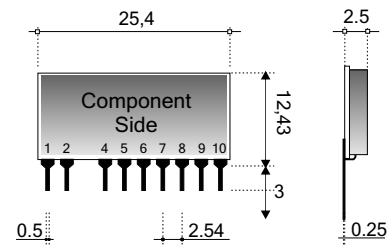
Descrizione

Ricetrasmittitore ASK miniaturizzato con alta sensibilità e la possibilità di configurazione in basso consumo. Ideale per applicazioni radio bidirezionali che richiedono spazi ristretti e una lunga durata della batteria. Conforme alle Normative Europee.

Description

Mini ASK transceiver module with high sensitivity and power-down functionality - Ideal for a 2-way radio system needing to save space and battery life. In compliance with European Normative.

Dimensions



Component Side



Pin-Out

- 1) Antenna
- 2) Ground
- 4) Data In
- 5) TX/RX
- 6) Enable
- 7) Ground
- 8) Analog Out
- 9) Data Out
- 10) Vcc

TECHNICAL SPECIFICATION

Ta = 25 °C

Caratteristiche	Characteristics	Min	Typ	Max	Unit
Alimentazione	Power supply	2.1	3	3.6	Vdc
Alimentazione	Power supply	4.5	5	5.5	Vdc
Corrente assorbita TX ON	Supply Current TX ON		13	20	mA
Corrente assorbita RX ON	Supply Current RX ON		4.5	6.5	mA
Corrente assorbita ENABLE OFF	Supply Current ENABLE OFF			8	µA
Frequenza di ricezione	Reception frequency		433.92 ^(*)		MHz
Sensibilità RF	RF Sensitivity		-106		dBm
Potenza TX	TX Power	8	10		dBm
Impedenza d'antenna	Antenna impedance		50		ohm
Tempo di commutazione	Switch time			500	µS
Temperatura di lavoro	Operating temperature range	-20		+85	°C

ALSO AVAILABLE

^(*) 433.42 - 434.42 MHz available on demand

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