Long Range & Low Power
2.4 GHz Multichannel Transceiver

RTX-24EM-AI/V

P.N. 650201476G

DESCRIZIONE

Il ricetrasmettitore a lungo raggio RTX-24EM-AI/V è un ricetrasmettitore ad alta sensibilità, basso consumo, con protocollo proprietario operante nella banda ISM a 2.4 GHz ed è ideale per applicazioni a batteria.

Integra il ricetrasmettitore single chip EM Microelectronic EM9209 ed è pin to pin compatibile con i modelli Aurel XTR CYP 2.4, XTR VF 2.4 LP e XTR 2.4 HP.

DESCRIPTION

Long range transceiver RTX-24EM-AI/V is a high sensitivity, low-power consumption transceiver with proprietary protocol operating in the 2.4 GHz ISM band and it is ideal for battery operated wireless applications.

It is embeds the EM Microelectronic EM9209 single chip transceiver and it is pin to pin compatible with Aurel XTR CYP 2.4, XTR VF 2.4 LP and XTR VF 2.4 HP models.

COMPONENT SIDE

27   5.5
16
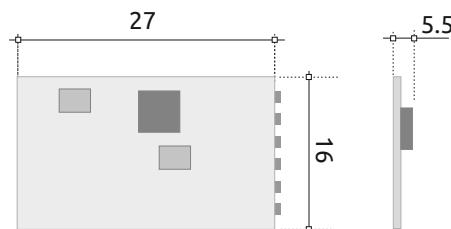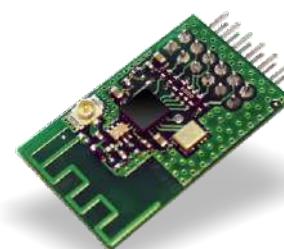
PIN-OUT

1) GND	7) SCK
2) Vcc	8) MISO
3) IRQ	9) GND
4) nRESET	10) ENABLE
5) MOSI	11) NC
6) SS	12) NC

TECHNICAL SPECIFICATION

Ta = 25 °C

CARATTERISTICHE	CARATTERISTICHE	MIN	TYP	MAX	UNIT
Power supply	Alimentazione	1.9		3.6	Vdc
Supply current (Rx mode)	Corrente assorbita (Rx)		8		mA
Supply current (Tx mode @10dBm)	Corrente assorbita (Tx@10dBm)		36		mA
Supply current (Tx mode @0dBm)	Corrente assorbita (Tx@0dBm)		11		mA
Supply current (Power Down mode)	Corrente assorbita (Power Down mode)		1		µA
Modulation	Modulazione		FSK		
ERP RF Power	Potenza irradiata ERP	-20		+10	dBm
RF channels	Canali RF		20		
Operating temperature	Temperatura di lavoro	-40		+85	°C

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for RF Modules *category:*

Click to view products by Aurel *manufacturer:*

Other Similar products are found below :

HMC-C009 HMC-C011 nRF24L01P-MODULE-PCB HMC-C021 HMC-C024 XB9XT-DPRS-721 XBP9B-DMUTB022 nRF24L01P-MODULE-SMA CMD-KEY2-418-CRE XM-C92-2P-UA XB9XT-DPUS-721 V640-A90 HMC-C583 MAAM-008818-TR3000 MTSMC-H5-U SIMSA868-PRO SIMSA915C-PRO SIMSA868C-PRO SIMSA433C-PRO SIMSA915-PRO XBP9B-DMUT-042 HMC-C582 HMC-C022 XBP9B-DPST-041 XBP9B-DMWT-042 SM-MN-00-HF-RC HMC-C031 MT-02 M1002GB 702-W SIMSA868C-N-PRO SIMSA433C-N-PRO SIMSA915C-N-PRO ADP-R202-00B PEPPER WIRELESS C1 USB S2-10732-Z1T61 S2-107XB-Z2356-Z2352 S2-10672-Z1L85 S2-10686-Z1L1D S2-10688-Z1L1T S2-106BA-Z1P20 S2-1060C-Z1F0A S2-106R4-Z1Q6F-Z1Q6Q S2-106R4-Z1Q6J-Z1Q6Q S2-106RB-Z1Q6V-Z1Q6Q S2-107DR-Z1Y5B SU60-2230C-PU RC-TFSK3-868 NANO RFID POE 650201424G