

# FM Super Het Receiver 868.30

LOW COST & HIGH SENSITIVITY

## RX-FM8SF 868.30

P.N. 650201097G

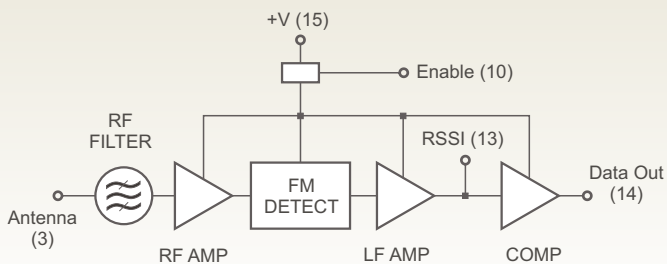
### DESCRIZIONE

Ricevitore supereterodina FM ad elevata sensibilità e selettività, munito di filtro SAW front-end che lo rende altamente immune ai disturbi. Grazie al pin di enable il ricevitore può assumere lo stato di power-down in assenza di segnale e minimizzare così il consumo a 0,5  $\mu$ A. Ideale per codifica Keeloq di Microchip

### DESCRIPTION

High sensitivity and sensibility super-het receiver FM receiver. Front-end SAW filtered to an higher electromagnetic immunity. Enable pin allows to reach power-down mode without signal and reduce consumption up to 0.5  $\mu$ A. Ideal for Microchip Keeloq encoders.

### BLOCK DIAGRAM



### TECHNICAL SPECIFICATION

Ta = 25 °C

#### CHARACTERISTICS

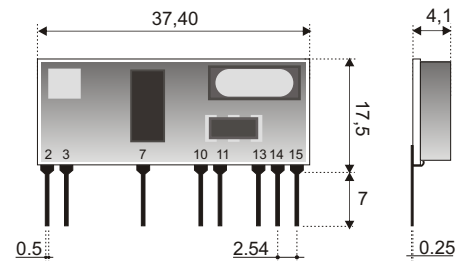
CHARACTERISTICS	Alimentazione
Supply Voltage	Alimentazione
Supply Current	Corrente Assorbita
Power-down	Power-down
Reception frequency	Frequenza di ricezione
RF sensitivity <sup>(1)</sup>	Sensibilità RF <sup>(1)</sup>
RF Bandwidth - 3dB	Banda passante RF a - 3dB
IF Bandwidth - 3dB	Banda passante IF a - 3dB
Square wave output	Onda quadra in uscita
Output high voltage	Livello alto d'uscita
Output low voltage	Livello basso d'uscita
Antenna RF emission	Emissioni RF spurie in antenna
Switch-on time <sup>(2)</sup>	Tempo di accensione <sup>(2)</sup>
Operating temperature range	Temperatura di lavoro

MIN	TYP	MAX	UNIT
4.5	5	5.5	Vdc
	5.6	6.0	mA
	0.5		$\mu$ A
	868.30		MHz
	-105	-106	dBm
	1.3		Mhz
	280		KHz
0.5	3.0	3.8	KHz
Vs - 1.2	Vs - 0.8		V
		0.1	V
		- 60	dBm
	1.5	2	mS
-20		+80	°C

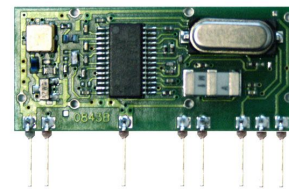
<sup>(1)</sup> RF generator with 100% modulation

<sup>(2)</sup> Time needed to achieve declared features leaving power-down mode.

### DIMENSIONS



### COMPONENT SIDE



### PIN-OUT

- 2) Ground
- 3) Antenna
- 7) Ground
- 10) Enable
- 11) Ground
- 13) RSSI Out - Test point
- 14) Data Out
- 15) +V

### APPLICATIONS

- ✓ Home security
- ✓ Access control
- ✓ Burglar alarms
- ✓ Car alarms

## 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](#)