

## High Selectivity superheterodyne with HCS<sup>(1)</sup> Decoder Embedded

868.3 Mhz superhet receiver RED compliant  
(Radio Equipment Directive 2014/53/EU)



### RX-8M-HCS-SE

P.N. 650201555G

#### DESCRIZIONE

**Ricevitore supereterodina con decodifica HCS integrata.**

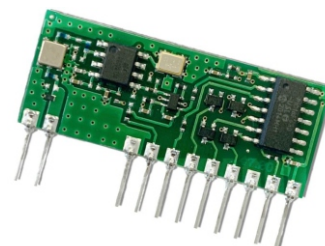
la modalità monostabile, bistabile e la presenza di uscite di tipo open collector, lo rendono ideale come elemento di controllo in apparati tipo apricancello, antifurto e genericamente in applicazione ove richiesta la codifica del canale.

#### DESCRIPTION

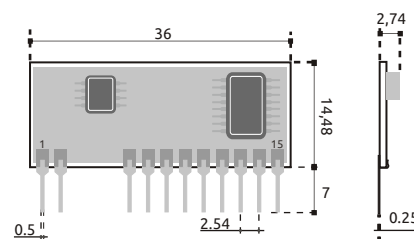
**Superheterodyne receiver with HCS decoder embedded.**

Its monostable and bistable modes and the open collector outputs make in an ideal solution for remote controlling devices like gate door openers, burglar alarm systems and whatever application requiring HCS decoding feature.

#### COMPONENT SIDE



#### DIMENSIONS



#### PIN-OUT

- 2) Ground
- 3) Antenna
- 7) Ground
- 8) NC
- 9) Programming push-button
- 10) Out Ch1 - Open collector
- 11) Out Ch1 - Open collector
- 12) Out Ch1 - Open collector
- 13) Out Ch1 - Open collector
- 14) LED
- 15) +V

#### TECHNICAL SPECIFICATION

Ta = 25 °C

CHARACTERISTICS		MIN	TYP	MAX	UNIT
Supply Voltage	Corrente Assorbita	3	5	5.25	Vdc
Supply Current	Alimentazione	6.5	7.5	8	mA
Reception frequency	Frequenza di ricezione		868.3		MHz
<b>RF sensitivity<sup>(2)</sup></b>	<b>Sensibilità RF<sup>(2)</sup></b>	-108	-110 <sup>(2)</sup>	-112	dBm
IF Bandwidth - 3dB	Banda passante IF a - 3dB		280		KHz
Interference rejection at ± 10Mhz	Reiezione alle Interferenze a ± 10Mhz	60			dB
Square wave output	Onda quadra in uscita		1	2	KHz
Antenna RF emission	Emissioni RF spurie in antenna			-60	dB
Switch on time	Tempo di accensione		4		msec
Operating temperature range	Temperatura di lavoro	-20		+80	°C
Open collector output	Uscita open collector			100	mA

<sup>(1)</sup> HCS is Trade Mark of Microchip

<sup>(2)</sup> Generatore RF con modulazione 100%