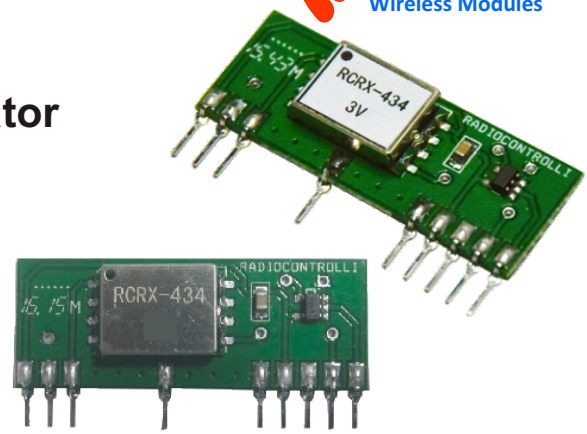
RCBRX-434
RCBRX-434-3V

Radio Controlli
Wireless Modules

AM Superhet receiver with crystal oscillator 433.92MHz



RCBRX-434 is an AM superhet data receiver with PLL sinthesizer and crystal oscillator.
ASK/OOK modulation. Metallic shield.
3 Volt version. 5 Volt version.

On request is possible to customize the frequency.

Technical Characteristics

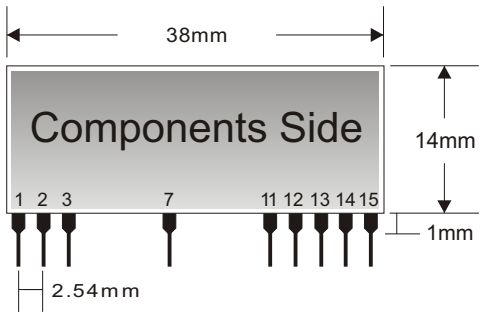
Characteristics		MIN	TYP	MAX	UNIT
V_{cc}	Supply Voltage	3.0 / 4.4		3.6 / 5.0	Vdc
I_s	Supply Current (RX mode)		5.5		mA
I_s	Assorbimento Corrente (Shut down mode)		1		µA
S	RF Sensitivity		-108		dBm
D	Max Data Rate		10		Kbit/s
B	RF Bandwidth 3dB		600		KHz
T	Operating Temperature Range	-25		+80	°C

Pin Description

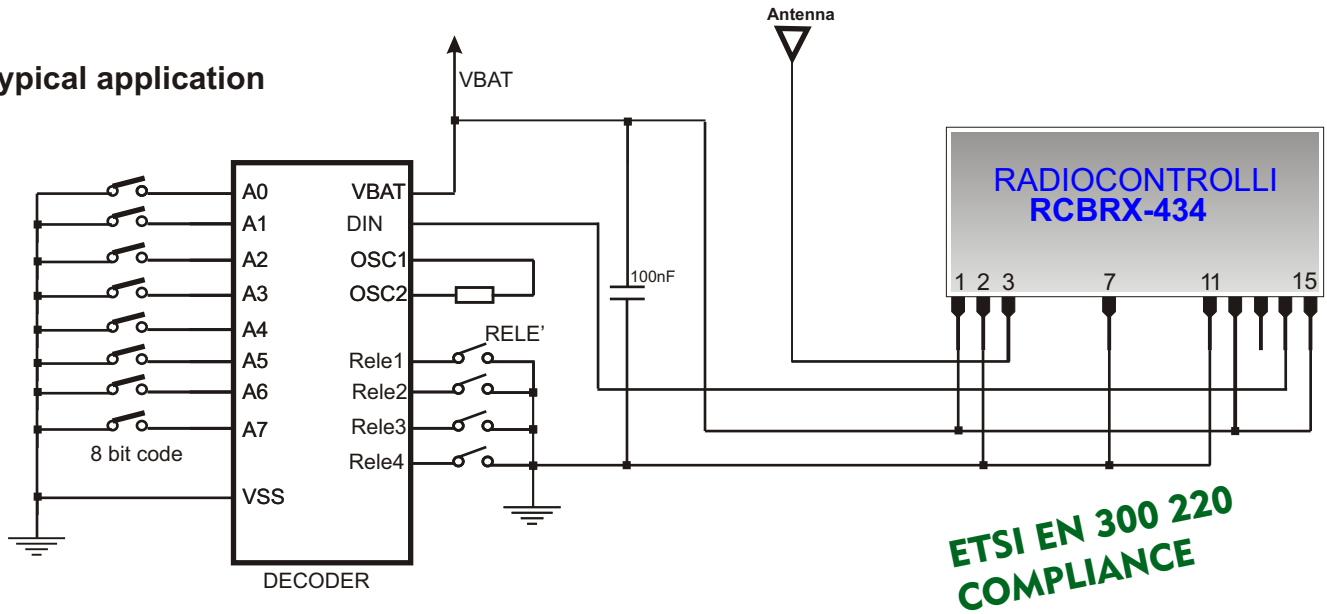
Pads	Name	Description
1	VCC	VCC
2	GND	Ground
3	IN	Antenna
7	GND	Ground
11	GND	Ground
12	VCC	VCC
13	-----	Not Used
14	OUT	Data Out
15	EN	Enable

EN = 0V ----> RX OFF
EN = 5V ----> RX ON

Mechanical dimensions



Typical application



ETSI EN 300 220 COMPLIANCE

Radiocontrolli s.r.l refuses any responsibility for irregular uses of the devices and for any possible lack or inaccuracy of the data and reserves the right to change in whole or in part these information without notice.