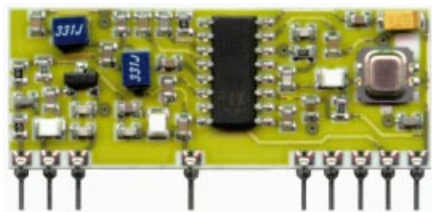


RRS3-XXX

AM Superhet Receiver With PreAmp Front End Filter



General description

The RRS3-XXX is an AM superhet data receiver with pre-Amplifier front end filter.

IF Frequency: 500KHz

Typical sensitivity: -106 dBm

Supply current: 5 mA (typ)

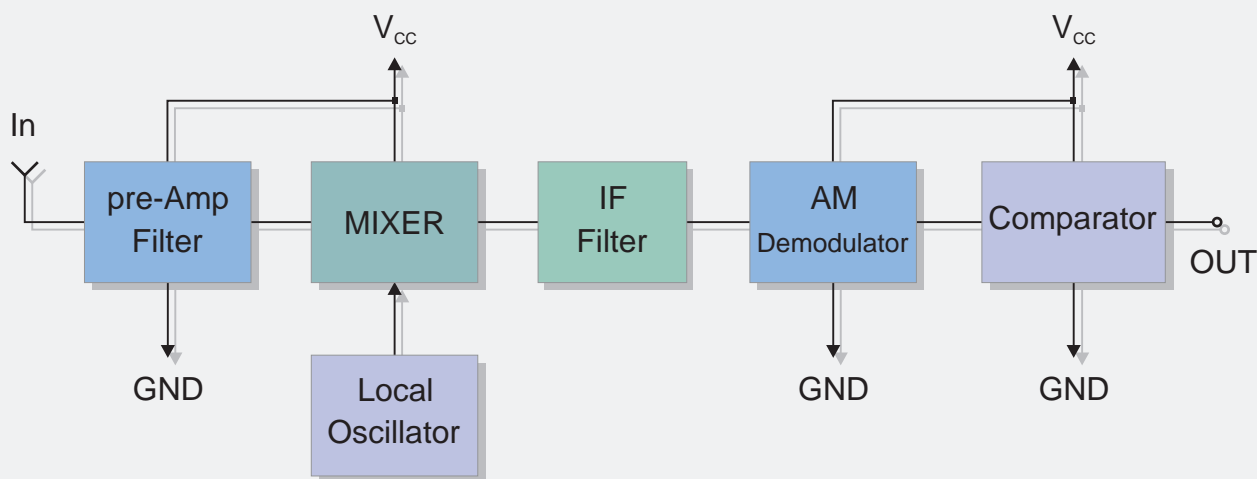
I-ETS 300-220 Compliance

XXX: custom-specified working frequency
(315, 418, 433.92 MHz)

Applications

- Wireless security systems
- Car Alarm systems
- Remote gate controls
- Sensor reporting

BLOCK DIAGRAM



Ta = 25°C unless otherwise specified

Pin Description

1	V _{CC}	9	NC
2	GND	10	NC
3	IN	11	GND
4	NC	12	NC
5	NC	13	NC
6	NC	14	OUT
7	GND	15	V _{CC}
8	NC		

Figure 1 shows the dimensions of the components side of the PCB. The total length is 38.1mm and the total width is 14.5mm. The components side is 1mm from the bottom edge. The pin locations are marked with numbers 1, 2, 7, 11, and 15. The pitch between pins is 2.54mm.

Diagram illustrating the wiring for the RRS3-XXX module. The module has pins 1, 2, 7, 11, and 15. The connections are as follows:

- Pin 1 is connected to AERIAL.
- Pins 2 and 7 are connected to ground.
- Pin 11 is connected to ground.
- Pins 15 and 11 are connected to the IN pin of the DECODER.
- The DECODER has an OUT pin.
- A +5V supply is connected to the ground line.