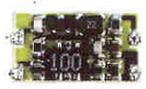
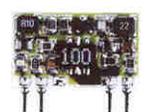
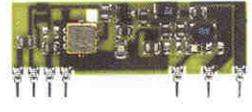


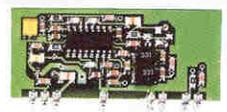
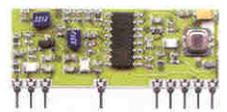
AM Radio Transmitters

MODEL	DESCRIPTION	Vdc	Is	Frequency (XXX)	Po	Data Rate	
RT4-XXX Radio Transmitter Module with SAW Resonator and External Antenna	Very small thick film DIL RF transmitter module with SAW controlled oscillator and external antenna. I-ETS 300-220 Compliance	2 - 14 V	4 mA	315 418 433.92 MHz ✓	+7 dBm	9.6 Kbit/s	 Dimensions: 17.8 x 10.2 mm
RT5-XXX Radio Transmitter Module with SAW Resonator and External Antenna	Very small thick film SIL RF transmitter module with SAW controlled oscillator and external antenna. I-ETS 300-220 Compliance	2 - 14 V	4 mA	315 418 433.92 MHz ✓	+7 dBm	9.6 Kbit/s	 Dimensions: 17.8 x 11.4 mm
RT6-XXX Radio Transmitter Module with SAW Resonator and External Antenna	Thick film SIL RF transmitter module with SAW controlled oscillator and external antenna.	3 - 14 V	7 mA	315 418 433.92 MHz ✓	+7 dBm	9.6 Kbit/s	 Dimensions: 38.1 x 12.2 mm
RT8-868 Radio Transmitter Module with SAW Resonator and External Antenna	Thick film SIL RF transmitter module with SAW controlled oscillator and external antenna.	3 - 14 V	12 mA	868.35 MHz	+7 dBm	9.6 Kbit/s	 Dimensions: 35.6 x 11.4 mm
RT11-XXX Radio Transmitter Module with SAW Resonator and External Antenna	Two-stages RF transmitter module with SAW controlled oscillator and power amplifier.	2 - 6 V	4 mA	433.92 MHz	+7 dBm	9.6 Kbit/s	 Dimensions: 25.4 x 11.43 mm

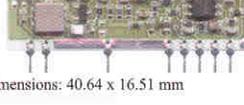
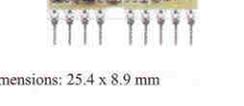
Note:

RT4 .. RT6, RT11 transmitters family can be utilized with all receivers of RR.. , RRS.. and RRQ.. series.
RT8 transmitter can be utilized with RR13 receiver.

AM Superhet Receivers - SAW Controlled

MODEL	DESCRIPTION	Vdc Is	Sensitivity	Frequency (XXX)	-3dB BW	Data Rate	
RRS1-XXX AM Superhet Receiver with SAW Front End Filter	Superhet data receiver with SAW front end filter SAW controlled oscillator I-ETS 300-220 Compliance	5V 3.7mA	-100 dBm	315 418 433.92 MHz	+/- 200 KHz	4.8 Kbit/s	 Dimensions: 45.7 x 19.0 mm
RRS2-XXX AM Superhet Receiver	Low cost AM superhet data receiver with LC front end filter SAW controlled oscillator	5V 3.7mA	-102 dBm	315 418 433.92 MHz ✓	+/- 400 KHz	4.8 Kbit/s	 Dimensions: 30.5 x 20.3 mm
RRS3-XXX AM Superhet Receiver with preAmp Front End Filter	High sensitivity AM superhet data receiver. SAW controlled oscillator I-ETS 300-220 Compliance FCC 15/C Compliance	5V 5mA	-106 dBm	315 418 433.92 MHz ✓	+/- 400 KHz	4.8 Kbit/s	 Dimensions: 38.1 x 14.5 mm

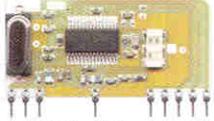
AM Super Regenerative Receivers

MODEL	DESCRIPTION	Vdc Is	Sensitivity	Frequency (XXX)	-3dB BW	Turn on Time	
RR1-XXX Fixed Frequency Super Regenerative Radio Receiver	Custom-specified working frequency range: 200 to 450 MHz	5V 2.5mA	-103 dBm	315 418 433.92 MHz	+/- 2 MHz	< 1.2 sec	 Dimensions: 38.1 x 12.7 mm
RR3-XXX Laser Trimmed Inductor Super Regenerative Radio Receiver	Frequency tuning by laser trimmed coil I-ETS 300-220 Compliance FCC 15/C Compliance	5V 2.5mA	-103 dBm	315 418 433.92 MHz ✓	+/- 2 MHz	< 1.2 sec	 Dimensions: 38.1 x 12.7 mm
RR4-XXX Cascode Input Stage Super Regenerative Radio Receiver	Frequency tuning by laser trimmed coil Low level of emitted spectrum I-ETS 300-220 Compliance	5V 2.5mA	-105 dBm	315 418 433.92 MHz ✓	+/- 1.5 MHz	< 2 sec	 Dimensions: 38.1 x 12.7 mm
RR6-XXX Very Low Consumption Super Regenerative Radio Receiver	Frequency tuning by laser trimmed coil Very low current consumption Fast turn on time I-ETS 300-220 Compliance FCC 15/C Compliance	5V 0.5mA	-95 dBm	315 418 433.92 MHz ✓	+/- 1.5 MHz	< 150 msec	 Dimensions: 38.1 x 12.7 mm
RR8-XXX 3V Supply Voltage Super Regenerative Radio Receiver	Frequency tuning by laser trimmed coil Very low current consumption 3V supply voltage I-ETS 300-220 Compliance	3V 0.5mA	-90 dBm	315 418 433.92 MHz ✓	+/- 1.5 MHz	< 150 msec	 Dimensions: 38.1 x 12.7 mm
RR10-XXX Narrow Bandwidth Super Regenerative Radio Receiver	Frequency tuning by laser trimmed coil Low current consumption Narrow bandwidth I-ETS 300-220 Compliance	5V 1.2mA	-102 dBm	315 418 433.92 MHz ✓	+/- 1.2 MHz	< 1.2 sec	 Dimensions: 38.1 x 12.7 mm
RR11-XXX Very Low Consumption Super Regenerative Radio Receiver	Frequency tuning by laser trimmed coil Very low current consumption Fast turn on time	5V 0.3mA	-95 dBm	315 418 433.92 MHz ✓	+/- 1.5 MHz	< 150 msec	 Dimensions: 38.1 x 12.7 mm
RR13-868 868.35 MHz Super Regenerative Radio Receiver	Frequency tuning by laser trimmed capacitor Very low current consumption Fast turn on time	5V 0.5mA	-90 dBm	868.35 MHz	+/- 2 MHz	< 150 msec	 Dimensions: 33.02 x 12.7 mm
RR16-XXX Super Regen. Radio Receiver - Front End SAW Filter	RX with saw front-end filter to reduce RF Bandwidth EMI immunity improved by a metal shield I-ETS 300-220 Compliance	5V 4.0mA	-102 dBm	433.92 MHz	+/- 250 KHz		 Dimensions: 40.64 x 16.51 mm
RR30-XXX Laser Trimmed Inductor Super Regenerative Radio Receiver	▲ Frequency tuning by laser trimmed coil 50% smaller than RR3 model	5V 2.5mA	-103 dBm	433.92 MHz ✓	+/- 2 MHz	< 1.2 sec	 Dimensions: 25.4 x 8.9 mm

Note:

The RR.. receivers family can be utilized with all transmitters of RT.. serie.

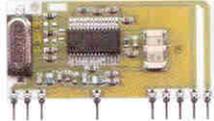
AM Superhet Receivers - Crystal Controlled

MODEL	DESCRIPTION	Vdc Is	Sensitivity	Frequency (XXX)	-3dB BW	Data Rate	
RRQ2-XXX AM Superhet Receiver	AM Superhet data receiver with PLL and crystal oscillator Squelch circuit integrated I-ETS 300-220 Compliance FCC 15/C Compliance	5V 5mA	-107 -107 -102 dBm	315 433.92 868.35 MHz	+/- 150 KHz	4.8 Kbit/s	 Dimensions: 38.1 x 18.3 mm
RRQ3-XXX AM Superhet Receiver	AM Superhet data receiver with PLL and crystal oscillator Squelch circuit integrated I-ETS 300-220 Compliance	5V 5mA	-106 -106 -101 dBm	315 433.92 868.35 MHz	+/- 150 KHz	4.8 Kbit/s	 Dimensions: 38.1 x 14.5 mm
RRQ4-XXX-V AM Superhet Receiver	AM Superhet data receiver with PLL and crystal oscillator Squelch circuit integrated 50dB RF Image Rejection 3.3V or 5V Supply Voltage	3.3 / 5V 6mA	-107 -107 dBm	315 433.92 MHz	+/- 150 KHz	4.8 Kbit/s	 Dimensions: 38.1 x 14.5 mm

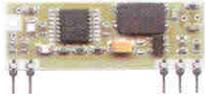
AM Radio Transmitters - Crystal Controlled

MODEL	DESCRIPTION	Vdc	Is	Frequency (XXX)	Po	Data Rate	
RTQ1-XXX Radio Transmitter Module with Crystal Oscillator and External Antenna	Very small thick film DIL RF transmitter module with crystal oscillator and external antenna. I-ETS 300-220 Compliance	2.1 - 4 V	7 mA	315 433.92 868.35 MHz	+5 +5 +1 dBm	9.6 Kbit/s	 Dimensions: 20.32 x 11.43 mm

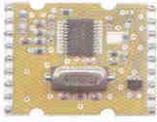
FM Superhet Receivers - Crystal Controlled

MODEL	DESCRIPTION	Vdc Is	Sensitivity	Frequency (XXX)	-3dB BW	Data Rate	
RRFQ1-XXX FSK Superhet Receiver	FSK Superhet data receiver with PLL and crystal oscillator Available Frequency: 315, 433.9, 868.35 MHz I-ETS 300-220 Compliance	5V 5.7mA	-102 dBm	315 433.92 868.35 MHz	+/- 150 KHz	4.8 Kbit/s	 Dimensions: 38.1 x 18.3 mm
RRFQ2-XXX FSK Superhet Receiver	FSK Superhet data receiver with PLL and crystal oscillator Available Frequency: 315, 433.9, 868.35 MHz	5V 5.7mA	-102 dBm	315 433.92 868.35 MHz	+/- 150 KHz	4.8 Kbit/s	 Dimensions: 45.72 x 16.5 mm

FM Radio Transmitters - Crystal Controlled

MODEL	DESCRIPTION	Vdc	Is	Frequency (XXX)	Po	Data Rate	
RTFQ1-XXX FSK Radio Transmitter Module with Crystal Oscillator and External Antenna	Very small thick film DIL RF transmitter module with SAW controlled oscillator and external antenna I-ETS 300-220 Compliance	2.2 - 4 V	7 mA	315 433.92 868.35 MHz	+5 +5 +1 dBm	9.6 Kbit/s	 Dimensions: 20.32 x 11.43 mm
RTFQ2-XXX FSK Radio Transmitter Module with Crystal Oscillator and External Antenna	Very small thick film SIL RF transmitter module with SAW controlled oscillator and external antenna I-ETS 300-220 Compliance	2.5 - 12 V	7 mA	315 433.92 868.35 MHz	+5 +5 +1 dBm	9.6 Kbit/s	 Dimensions: 30.48 x 10.67 mm

FM Radio Transceivers - Crystal Controlled

MODEL	DESCRIPTION	Vdc	Is	Frequency (XXX)	Sens / Po	Data Rate	
RXQ1-433.9 Dual Band FM Transceiver	Half duplex radio transceiver module with two RF channels selectable by external pin. I-ETS 300-220 Compliance	2.7 - 5.25 V	12 (RX) 26 (TX) mA	433.92 434.33 MHz	-100 / +5 dBm	20 Kbit/s	 Dimensions: 30.48 x 22.86 mm