



General:TRX-I2-7211

General	
Sizes (mm)	25,25 x 21,6
Transmission	Halbduplex
Frequency	433,0625MHz-434,7875MHz
Other frequency on request	Yes
Frequency stability	+/- 2ppm
Channel spacing	12,5 kHz or 25kHz default: 12,5 kHz
Data rate	max. 9600 Baud
Digital data output	Yes
NF-output	No
Power supply	3V-3.6V
Current consumption	TX:45mA; RX:30mA
TX-RX switching time	4ms
Start time	50ms
Operating temperatur	-20° bis +70°
Microprocessor	ATTiny 1634
According to	EN 300-220
Flexible Interface	Yes
Synthesizer PLL	Yes
Modul series	I2
SMD placement	Yes

Receiver TRX-I2-7211

Empfänger	Superheterodyn
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Receiver TRX-I2-7211	
Sensitivity	-119 dBm 1% BER
Radiated Emission	max. -57 dBm (below 1000 MHz), max. -47dBm (above 1000 MHz)
Blocking	+/- 1MHz: at least 65dB +/- 2MHz: at least 65dB +/-10MHz: at least 65dB
Intermodulation rejection	at least 50dB (+/- 50kHz ; +/- 100kHz)
Image rejection	1. ZF: 60dB
Adjacent channel selectivity	at least 50dB (-57dBm)
Spurious responses suppression	at least 50dB (-57dBm)
Digital Output	max. 9600 Baud
NF Output	No
RSSI	No
Mute	No

Transmitter: TRX-I2-7211	
Transmitter	
Output power	10mW +/- 1dB at 50 Ohm
Frequency deviation	2,4 kHz
Modulation	FSK max. 9600 Baud
Adjacent channel power	-63 dBc (-53dBm)
Radiated emissions	max. -57dBm (below 866 MHz), max. -47dBm (above 866MHz)

