

## Technical description

Description	Function	Component
Antenna	Transmit modulated RF signal	ANT1
Filter	Suppression of spurious emissions	L3, C7,C8
RF power amplifier and modulation	Modulate the carrier and amplify the modulated RF signal	Q1
Oscillator	Generate 27.145 MHz carrier	Y1, Q2
Encoder IC	Generate code signal to modulator	U1

Type of antenna: Integral antenna

Antenna Gain: 0dBi

Type of modulation: Pulse modulation

The nominal conducted output power specified: -27.0dBm (+/- 3dB)

The nominal radiated output power (e.r.p) specified: -29.15dBm (+/- 3dB)