

## Technical description

Description	Function	Component
Antenna	Transmit modulated RF signal	ANT
Filter	Suppression of spurious emissions	L1, C1
RF power amplifier and modulation	Modulate the carrier and amplify the modulated RF signal	Q1
Oscillator	Generate 49.860MHz carrier	Y1, Q2
Encoder IC	Generate code signal to modulator	IC1

Type of antenna: Internal antenna

Antenna Gain: 0dBi

Type of modulation: Pulse modulation

The nominal conducted output power specified: -20dBm (+/- 3dB)

The nominal radiated output power (e.r.p) specified: -22.15dBm (+/- 3dB)