

Technical description

Description	Function	Component
Antenna	Transmit modulated RF signal	ANT
Filter	Suppression of spurious emissions	L1, C5, C6
RF power amplifier and modulation	Modulate the carrier and amplify the modulated RF signal	Q3
Oscillator	Generate 27.145 MHz carrier	Y1
Encoder Circuit	Generate code signal to modulator	Q1,Q2,C1,C2,C4

Type of antenna: Integral antenna, Antenna Gain: 0dBi

Type of modulation: Pulse modulation

The nominal conducted output power specified: -30.0dBm (+/- 3dB)

The nominal radiated output power (e.r.p) specified: -32.15dBm (+/- 3dB)