

Technical description

Description	Function	Component
Antenna	Transmit modulated RF signal	ANTENNA
Filter	Suppression of spurious emissions	L6, C23, C27, C28
RF IC	Generate code signal to modulator	U3
Oscillator	Generate 27.145 MHz carrier	X2, Q5
RF power amplifier and modulator	Modulate the carrier and amplify the modulated RF signal	Q1
Power Circuit	Power Supply	Q2, Q3, Q4

Antenna Type: Integral antenna with plastic enclosure

Antenna Gain: 0dBi

Modulation Type: Pulse modulation

The nominal conducted output power specified: -43.0dBm (+/- 3dB)

The nominal radiated output power (e.r.p) specified: -45.15dBm (+/- 3dB)