

Technical description

Description	Function	Component
Antenna	Transmit modulated RF signal	ANT
Filter	Suppression of spurious emissions	C7, C8, C11, C12, L2, C10
RF power amplifier and modulation	Modulate the carrier and amplify the modulated RF signal	Q1, C3, C5, L1
Oscillator	Generate 315 MHz carrier	X1
Encoder IC	Generate code signal to modulator	U1

Type of antenna: integral antenna

Type of modulation: ASK

Antenna Gain: 0dBi

The nominal conducted output power specified: -23dBm (+/- 3dB)

The nominal radiated output power (e.r.p) specified: -25.15dBm (+/- 3dB)