

#### Technical description

Description	Function	Component
Antenna	Transmit modulated RF signal	ANT
Matching Network	Suppression of spurious emissions	L2,L3,L4,C8
RF power amplifier and modulation	Modulate the carrier and amplify the modulated RF signal	Q1,Q2
Oscillator	Generate 27.145 MHz carrier	Y1
Encoder IC	Generate code signal to modulator	U1,Y2

Type of antenna: External, Integral

Type of modulation: Pulse modulation

Antenna Gain: 0dBi

Nominal rated field strength: 64.5dBmicroVolt/m at 3m

Maximum allowed field strength of production tolerance: +/- 3dB