

Technical description

Description	Function	Component
Antenna	Transmit modulated RF signal	ANT1
Filter	Suppression of spurious emissions	L2, C5, C8
RF IC	Encode, logic control and sent out SD signal	IC1
Crystal	Generate 49.860 MHz carrier	Y1
RF power amplifier and modulator	Modulate the carrier and amplify the modulated RF signal	Q1, Q2

Type of antenna: External, integral antenna

Type of modulation: Pulse modulation

Frequency Range: 49.860MHz single channel

Antenna Gain: 0dBi

Nominal rated field strength: 70.6dBuV/m at 3m

Maximum allowed field strength error: +/- 3dB