

Technical Description:

The brief circuit description is listed as follows:

U1 acts as 32kbit EEPROM
U2 acts as Main IC
U3 acts as DC-DC Converter IC
U4 acts as Low Voltage Detector
L1 acts as Air Core Coil (Antenna 125kHz)
Y1 acts as Crystal Oscillator 32.768kHz for U2

Antenna Used:

An internal, integral antenna has been used.

Antenna Gain: 0dBi

Nominal rated field strength: 50.0dB μ V/m at 3m

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