

Operational Description

21P5020

The IC U1 (nRF24LE1) is the main controller, which includes a microcontroller and a circuitry to generate 2.4 GHz RF signals. The IC U1 stores and runs the application program that controls the operation of the System. It requires only one timing input from a 16 MHz clock generated by the crystal Q1. It receives 3 V DC from a build in battery.

2 indicator LED's shows:

1. if the transmitter transmit
2. indicated low voltage.

The RF Output from the U1 is routed via a Balun circuit to an on-board printed antenna..

21.A00L33

The IC U1 (nRF24LE1) is the main controller, which includes a microcontroller and a circuitry to receive a 2.4 GHz RF signals, and also a demodulation unit. The IC U1 stores and runs the application program that controls the operation of the System. It requires only one timing input from a 16 MHz clock generated by the crystal Q1. It receives 3.3 V DC from an external power supply.

2 indicator LED's shows:

1. if there an incoming RF Signal
2. indicated low voltage.

The RF Input to the U1 is routed via a Balun circuit to an on-board printed antenna..

The Switches S1 – S4 are used only for the first setup. The output's going to the engine for open or close the door.