

Description:

The top box of the diagram below represents all of the potential keys that may be pressed for the blanket remote transmitters. Pressing any key generates PCM code word which will modulate on 418MHz RF carrier for transmission. The encoded PCM code word is obtained from microcontroller by the RF oscillator formed by transistor Q1. Microcontroller U1 also provides two selectable security bits which can be set by the user. The frequency is formed by SAW resonator SAW1 to 418 MHz.

