

TECHNICAL DESCRIPTION OF PBT-300

FEATURE

- ◇ Single push button RF transmitter
- ◇ Powered by a 12V battery.
- ◇ 256 user selectable codes.
- ◇ Carrier frequency : 315MHz

FUNCTIONAL DESCRIPTION

- ◇ The 8-pole DIP switch provides 256 combinations encoding capability.
- ◇ While the push button is pressed, PT2262 encodes the data preset by the DIP switch into a special wave from and outputs it from IC pin 17 to the RF modulator for transmission.
- ◇ The 315MHz RF modulator consists of a transistor Q1 (2SC1923). A SAW filter (surface acoustic wave) is applied to stabilize the RF oscillating frequency. The trimming capacitor should not affect the RF frequency but attenuate the harmonic response.