

SFR1 Operational Description

The SFR1 is a 418 MHz pulsed RF transmitter and an infrared remote control. The remote can control a variety of TVs and Audio Systems. It is used in conjunction with an RF receiver which is used as an IR extender.

The internal MCUs receive information from the keypad and convert the keystrokes into a pulse code. The pulse code is then sent to the 418 MHz RF transmitter and is used to pulse modulate the 418 MHz carrier.