

Circuit Block Description (Ref. To “RF CIRCUIT BLOCK”)

Model: R1G0072R1A00000 (Pir-sensor transmitter)

FCC ID: NHTSPT-462 (Transmitter Block)

1. Battery: DC/9V. Transmitter is using battery operation system.
2. The Transmitter has a pyroelectric passive infraed sensor component.
3. When sensor is active, it can trig 4538 IC (U3), Let the transmitter working.
4. When the Transmitter active, then the Timer (using RC circuit C3,R8) setting only 1.5 second time on.
5. The (BK-2) is RF code encoder IC (PT-2262S).
6. The (BK-3) is 315Mhz RF transmitter circuit, It's belong AM/FM modulation 100% by Manchester coding 33/66-duty cycle.
7. The Transmitter antenna is a PCB loop direction antenna for low power transmits.