

Critical Component of 830

Component	Description	
PIR Sensor	Detect the motion of human	
OP-Amp LP324M	Amplify the signal received from the PIR Sensor	
Sound Chip PSG09CA	Generate the alarm sound	
RF Transistor MMPH10	Generate oscillation of RF frequency 433.92MHz	
MCU NT6612A	Control all the activities of the unit	
Encoder VDS012	Encode the RF signal	