

Critical Component of 832

Component	Description	
IR Receiver PIC 26043SM	Detect the IR signal	
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 activities of the unit	
Encoder VD5012	Encode the RF signal	