

COMPONENT DESCRIPTION:

4631010 & 4631020 MAIN PCBA

Category	IC no.	Label	Name	DESCRIPTION
INTEGRATED CIRCUIT	TM58P10	U1	Master MCU	RF data decoder, Motor control, logic operation of LEDs
INTEGRATED CIRCUIT	4069	U4	Inverter logic circuit	RF data filter and amplifier
TRANSISTOR	MMBTH10LT1	Q1	RF Receiver	RF DEMOD
INTEGRATED CIRCUIT	LM339	U3	Comparator	Detect low voltage
INTEGRATED CIRCUIT	XC62FP3002PR	U2	Voltage regulator	Whole circuit power supply
CRYSTAL	4 Mhz	X2	10-PPM	For master MCU
TRANSISTOR	STC352	Q5	NPN Transistor	Driving Motor
COIL	F33-25B	L1	Variable coil	Adjust center frequency

4631020 PIR PCBA

Category	IC no.	Label	Name	DESCRIPTION
INTEGRATED CIRCUIT	LM324	U3	Operation Amplifier	Signal amplifier
SENSOR	PIS01E	SR1	PIR SENSOR	Detect body