

receiver Circuit Description

Description	Function	Components
Power Supply	input AC Mains, Output DC voltage	RF1, VAR1, D1, D2, E1, L1, E2, IC1, C4, TRAN1, D4, R1, R8, C1, CY2, E3, R2, C2, D8, IC2, D6, R3, Q2, BAT1, BAT2, E4
Speaker	voice and speaker ouput	R7, C10, IC3, C11, E5
MCU	data process	IC4, C4, R11
LED	LED indicator	LED1, R9, R10
Key	Key scan	SW1, SW2, SW3, SW4, SW5
Pillow	pillow ctroller and output	R12, D3, Q1, R6, CN3
RF	RF receiver	U1
Oscillator	Generate carrier	Y1
Filter	Band-pass filter	Y2