

R7F0C002 简易室内通风系统（基于CO2监测）（主板）

BOM LIST

Comment	Description	Designator	Footprint	Quantity
0.47uF	Capacitor	C7, C13, C14, C16, C17	0805	5
22pF	Capacitor	C12, C15	0805	2
0.1uF	Capacitor	C1, C4, C5, C6, C8, C9, C10, C11	0805	8
68uF	Polarity capacitor	C2, C3	0805	2
IN4001	Diode	D3	1206	1
GF1A	Protect Diode	D1	GF1A	1
SD1209T3	Buzzer	Buzzer	Buzzer	1
PowerJack	PowerJack	J1	POWER_JACK	2
EZ-CUBE	EZ-CUBE Head	J2	EZ-Cube	1
E1	E1 Head	J3	E8	1
N0801S	NPN	Q1	SOT-23	1
4.7K	Resistor	R1, R10, R11, R12	0805	4
0	Resistor	R2, R3, R4, R5	0805	4
1K	Resistor	R6,R7	0805	2
10K	Resistor	R8,R9	0805	2
SWITCH	SWITCH	SW1, SW2, SW3	Switch 6*6 SMT	3
Test Point	Test Point	T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11	TestPoint1	11
'SL05T1G	Zener Diode	D2	SOT-23	1
LM7805	Voltage regulators	U1	TO220H	1
PT2262 Model	PT2262 Model 5V 433MHZ Transmit	U2	PT2262	1
CO2 detector	Senseair S8 004-0-0013	U3	S8-004	1
LCD	LCD_TN_15PIN 2.54MM	U4	LCD_TN_15PIN 2.54MM	1
R7F0C002G2DFB	Renesas MCU	U5	RL78_R7F0C00_LQFP48_IC	1
32.768KHz	Crystal Oscillator	XT1	XTAL2	1

R7F0C002 简易室内通风系统（基于CO2监测）（从板）

BOM LIST

Comment	Description	Designator	Footprint	Quantity
0.1uF	Capacitor	C20, C21, C22	0805	3
68uF	Polarity capacitor	C18, C19	0805	2
1N4007	Diode	D5	1N4007	1
GF1A	Protect Diode	D4	GF1A	1
PowerJack	PowerJack	J4	POWER_JACK	2
EZ-CUBE	EZ-CUBE Head	J5	EZ-Cube	1
E1	E1 Head	J6	E8	1
N0801S	NPN	Q2	SOT-23	1
LED	LED	LED1, LED2	0805	1
1K	Resistor	R13	0805	4
2K	Resistor	R14, R15, R16, R17	0805	4
G5NB-1A 5VDC	Relay	RY1	Relay_G5NB	3
Test Point	Test Point	T12, T13, T14, T15, T16, T17, T18, T19	TestPoint1	8
LM7805	Voltage regulators	U6	TO220H	1
PT2272	PT2272 Model 5V 433MHZ Receiver	U7	PT2272	1
R7F0C80512ESP	Renesas MCU	U8	R7F0C80212ESP	1