HU-016

Small Amplifier Audio Upgrade Version

Scan the QR code to view detailed graphic instructions.

I.BOM



AMP Main BOM

Name	Label	Number	Note
3mm Red LED	D1	1	
104 monolithic capacitor	C4, C2	2	
Dial potentiometer	RP1	1	
1K resistor	R1, R4, R5, R2	4+1	
4.7K resistor	R3	1+1	
105 monolithic capacitor	C3, C1	2	
220uF E-CAP	C5	0 1	
2 inch speaker	SP1))1 (
Rocker switch		1	, 11O
1P power cord	1	1	
3.5mm single head audio cable	1	1	
Single head USB cable	/	1	
Speaker wire	/	1	
3P power line	/	1	
4-core audio cable	1	1	
Heat shrink tube	1	0 1	
8002A power amplifier chip	U1	1	
PCB	AMP Main	1	1 11 1-0

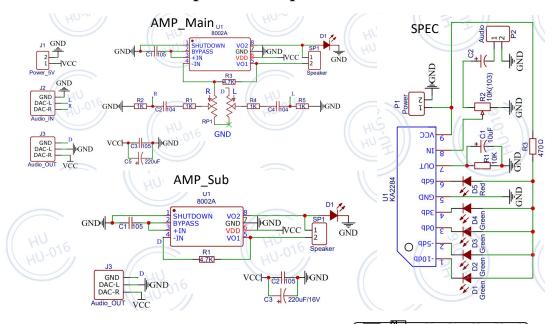
AMP Sub BOM

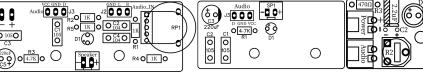
Name	Label	Number	Note
3mm Red LED	D1	1	
4.7K resistor	R1	1+1	
105 monolithic capacitor	C1, C2	2	
220uF E-CAP	C3	1	
2 inch speaker	SP1	0 1	
3P power line))1 (1-1,
Speaker Cable		1	70
8002A power amplifier chip	U1	1	
PCB	AMP_Sub	1	

SPEC BOM

Name	Label	Number	Note
Blue and white potentiometer	R2	2	
10K resistor	R1	2	
470 Ω resistor	R3	2+1	
10uF E-CAP	C1	2	1 11)
2.2uF E-CAP	C2	2	3.3uFreplace
5mm blue LED	D4, D1, D2, D3	8	
5mm red LED	D5	2	
KA2284 chip	U1	2	
PCB	SPEC	2	

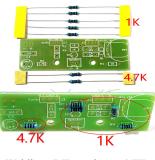
■.Schematic&Component map



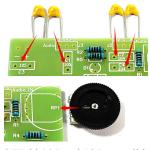




1.Weld the power amplifier chip on the back of the motherboard (corresponding silk-screen logo).



2. Welding DIP resistor 4.7K, 1K(no polarity).



3.Weld 104 and 105 monolithic CAP potentiometers.

For detailed welding & shell assembly steps, please scan the QR code to view the graphic tutorials.

