

Hoffman 5F2A Princeton BOM

11/22/2024

Item	Component	Wattage	Notes
R1	1m	1/2 watt	
R2	33k	1/2 watt	Single input jack
R2	68k	1/2 watt	Dual input jacks
R3	68k	1/2 watt	Dual input jacks
R4	100k	1/2 watt	
R5	1.5k	1/2 watt	
R6	1ma Pot		Volume
R7	1ma Pot		Tone
R8	100k	1/2 watt	
R9	1.5k	1/2 watt	
R10	1.5k	1/2 watt	
R11	220k	1/2 watt	
R12	470 ohm	5 watt	Power Tube Cathode
R13	470 ohm	3 watt	Screen
R14	22k	1/2 watt	Feedback
R15	10k	3 watt	Power Supply
R16	22k	3 watt	Power Supply
R17	100 ohm	1/2 watt	Heater center Tap
R18	100 ohm	1/2 watt	Heater center Tap
R99	180	1/2 watt	If using LED
Item	Component	Voltage	Notes
C1	22uf	50v	or 25uf/25v
C2	.022uf	400-630v	
C3	.0047uf	400-630v	
C4	500p	400-630v	
C5	.022uf	400-630v	
C6	22uf	50v	or 25uf/25v
C7	33uf	450v	Filter Cap
C8	8uf	450v	Filter Cap
C9	8uf	450v	Filter Cap
Item	QTY	Component	Notes
T1	1	Mojo759	Power Transformer
T2	1	Mojo771	Output Transformer
SW1	1	SPST Switch	On/Off Power Switch
J1	1	12A Switchcraft jack	Input jack
J2	1	12A Switchcraft jack	Input jack
J3	1	12A Switchcraft jack	Speaker Jack
Tubes	1	12AX7	V1
Tubes	1	6V6	V2
Tubes	1	5Y3	V3, V4,V5
Socket	1	9 pin Tube Sockets with shield	V1
Socket	2	8 pin Tube Sockets	V2,V3
Board	1	5F1 Turret Board	
Lugs	25	Turret lugs	
Standoffs	4	1/4" Nylon Standoffs	Circuit board mounting
Screws	4	# 8 x 5/8" Screws	Circuit board mounting
Nuts	4	#8 Keps nuts	Circuit board mounting
Knob	1	Your choice of style	
Power cord	1	8, or 12 foot cord	

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Power cord strain relief	1		
Power cord clamp	1		Optional
Fuse Holder	1	Fender style or mashall Style	
Fuse	1	1 amp slo-blo	
Pilot	1	Pilot Lamp or LED	Use 180 ohm resistor for LED
Bulb	1	Pilot Lamp	If using Lamp assembly
Jewel	1	Pilot Lamp	If using Lamp assembly
Wire	2 ft	Mini Shielded cable	
Wire	8 ft	20 Gauge hookup wire	Red, Black, Green, White
Wire	8 ft	18 Gauge hookup wire	Red, Black, Green, White
Wire	8 ft	Bus wire	Used to lace the lugs
Ring terminals	4	Ring terminals	Used to make Chassis grounds
Heat Shrink	1 ft	Heat shrink tubing	.125 diameter
Chassis	1	5F1 Chrome chassis	
Grommets	2	3/8 inch	

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