

Hoffman 5E3 BOM

11/22/2024			
Item	Component	Wattage	Notes
R1	1m	1/2 watt	
R2	1m	1/2 watt	
R3	33k	1/2 watt	Single input jack
R3	68k	1/2 watt	Dual input jacks
R4	33k	1/2 watt	Single input jack
R4	68k	1/2 watt	Dual input jacks
R5	68k	1/2 watt	Dual input jacks
R6	68k	1/2 watt	Dual input jacks
R7a	1.5k	1/2 watt	
R7b	1.5k	1/2 watt	
R8	100k	1/2 watt	
R9	100k	1/2 watt	
R10	1ma Pot	1/2 watt	Volume
R11	1ma Pot	1/2 watt	Tone
R12	1ma Pot	1/2 watt	Volume
R13	1.5k	1/2 watt	
R14	100k	1/2 watt	
R15	1m	1/2 watt	
R16	1.5k	1/2 watt	
R17	56k	1/2 watt	
R18	56k	1/2 watt	
R19	1.5k	1/2 watt	
R20	1.5k	1/2 watt	
R21	220k	1/2 watt	
R22	220k	1/2 watt	
R23	250	10 watt	
R24	5k	5 watt	
R25	22k	3 watt	
R26	100	1/2 watt	Heaters
R27	100	1/2 watt	Heaters
R28	470	3 watt	Screens
R29	470	3 watt	Screens
R30	180	1/2 watt	If using LED
Item	Component	Voltage	Notes
C1a	22uf	50v	or 25uf/25v
C1b	22uf	50v	or 25uf/25v
C2	.1uf	400-630v	
C3	.1uf	400-630v	
C4	500p	400-630v	
C5	22uf	50v	or 25uf/25v
C6	.022uf	400-630v	
C7	.1uf	400-630v	
C8	.1uf	400-630v	
C9	22uf	50v	or 25uf/25v
C10	16uf	475v	
C11	16uf	475v	
C12	16uf	475v	
C13	.0047uf	400-630v	
Item	QTY	Component	Notes

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T1	1		Power Transformer
T2	1	041318	Output Transformer
SW1	1	SPST Switch	On - Off power switch
J1	1	12A Switchcraft jack	Single input jack
J2	1	12A Switchcraft jack	Single input jack
J3	1	12A Switchcraft jack	Optional - Dual input jacks
J4	1	12A Switchcraft jack	Optional - Dual input jacks
J5	1	12A Switchcraft jack	Speaker Jack
J6	1	12A Switchcraft jack	Optional - 2nd speaker Jack
Tubes	1	12AY7	V1
Tubes	1	12AX7	V2
Tubes	2	6V6	V3, V4
Tubes	1	5Y3	V5
Socket	2	9 pin Tube Sockets with shield	V1,V2
Socket	3	8 pin Tube Sockets	V3, V4,V5
Board	1	5E3 Turret Board	
Lugs	42	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
Knobs	3	Your choice of style	
Power cord	1	8, or 12 foot cord	
Power cord strain relief	1		
Power cord clamp	1		Optional
Fuse Holder	1	Fender style or mashall Style	
Fuse	1	2 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	20 ft	20 Gauge hookup wire	Red, Black, Green, White
Wire	20 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	5E3 Chrome chassis	
Grommets	2	3/8 inch	

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