

Hoffman Blues Junior BOM

11/22/2024			
Item	Component	Wattage	Notes
R1	1m	1/2 watt	
R2	10k	1/2 watt	
R3	100k	1/2 watt	
R4	1.5k	1/2 watt	
R5	1ma pot		Volume
R6	120k	1/2 watt	value changed
R7	10k	1/2 watt	
R8	100k	1/2 watt	
R9	not used	1/2 watt	
R10	1.5k	1/2 watt	
R11	100k	1/2 watt	
R12	250kl Pot		Treble
R13	250ka Pot		Bass
R14	25kl Pot		Middle
R15	10k	1/2 watt	
R16	100k	1/2 watt	
R17	1.5k	1/2 watt	
R18	430k	1/2 watt	
R19	50kl Pot		Master
R20	220k	1/2 watt	
R21	33k	1/2 watt	
R22	1m	1/2 watt	
R23	1m	1/2 watt	
R24	820	1/2 watt	
R25	7.5k	1/2 watt	
R26	4.7k	1/2 watt	
R27	75k	1/2 watt	
R28	not used	1/2 watt	
R29	82k	1/2 watt	
R30	100k	1/2 watt	
R31	220k	1/2 watt	
R32	220k	1/2 watt	
R33	1.5k	1/2 watt	
R34	1.5k	1/2 watt	
R35	100 ohm	3 watt	Screen
R36	100 ohm	3 watt	Screen
R37-R44			Reverb Circuit
R45	not used		Reverb
R46	not used		
R47	2.2k	3 watt	Power supply
R48	10k	3 watt	Power supply
R49	10k	3 watt	Power supply
R50-R53			15 volt and bias supply
R54	47ohm	1/2 watt	Filament CT
R55	47 ohm	1/2 watt	Filament CT
R56	180ohm	1/2 watt	LED
R60	1ma Pot		Meat
R61	50kl Pot		Bias Pot
R62	22k	1/2 watt	Bias circuit
R98	1 ohm	1/2 watt	Cathode bias
R99	1 ohm	1/2 watt	Cathode bias

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Item	Component	Voltage	Notes
C1	47uf	25v	
C2	.0022uf	400-630v	
C3	not used		
C4	22uf	50v	
C5	250p	400-630v	
C6	.022	400-630v	
C7	.022	400-630v	
C8	.0022	400-630v	
C9	.001	400-630v	
C10	not used		
C11	.01	400-630v	
C12	.1	250v	
C13	.1	250v	
C14	not used		
C15	.022	400-630v	
C16	.022	400-630v	
C17-C22	not used		Reverb Circuit
C23	not used		
C24	not used		
C25	47uf	500v	Filter Cap
C26	22uf	500v	Filter Cap
C27	22uf	500v	Filter Cap
C28	22uf	500v	Filter Cap
C29-C34	not used		15 volt and Bias supply
C40	22uf	50v	Meat Control
C41	47uf	100v	Bias cap
C42	47uf	100v	Bias cap

Item	QTY	Component	Notes
J1	1	L12A Switchcraft jack	Single input jack
Washer	1	Shoulder washer	input jack hole spacer
Washer	1	Lock washer	For input jack
J2	not used		Foot switch
J3	2	12A Switchcraft jack	Speaker Jack
S3	1	Mini Toggle switch	Fat Switch
D13	1	1n4007	Bias diode
D14	1	Bridge Rectifier	1000v
Fuse Holder	1	Bolt down Fuse Holder	
Fuse	1	2 amp slo-blo	
Knobs	6	Your choice of style	
Socket	3	9 pin Tube Sockets	pre amp
Socket	2	9 pin Tube Sockets	power tubes
Board	1	Blues Junior Tube Board	
Board	1	Blues Junior Turret Board	11.5 inches
Lugs	78	Turret lugs	
Standoffs	6	1/2" hex Standoffs	Circuit board mounting
Screws	1	# 6 x 3/8" Screw	Fuse Holder
Nuts	1	#6 Keps nut	Fuse Holder
Screws	6	# 8 x 3/8" Screws	
Screws	1	# 8 x 5/8" Screws	Ground screw
Nuts	11	#8 Keps nuts	

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Wire	3 ft	Mini Shielded cable	
Wire	18 ft	20 Gauge hookup wire	Red, Black, Green, White
Wire	8 ft	18 Gauge hookup wire	Red, Black, Green, White
Wire	10 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
The items below are on the Blues Junior Chassis			
Chassis	1	Blues Junior	
Grommets	2		
T1	1		Power Transformer
T2	1		Output Transformer
Power cord	1	8, or 12 foot cord	
Power cord strain relief	1		
Tubes	3	12AX7	V1,V2,V3
Tubes	2	EL84	V4,V5
D10	1	LED	Use 180 ohm resistor for LED
SW1	1	SPDT Switch	On/Off Power Switch
Hoffman Amplifiers Tube amp Library Page			