

GuitarAmplifierPCBs.com
18 Watt SuperLite PCB
Parts List for Scratch Build

Prices may change without notice.

Use these prices ONLY for estimation purposes.

Refer to each supplier's web site for current price quotes.

[GuitarAmplifierPCBs](#)

Part #	Quantity	Datasheet	Component Type	Description	Manufacturer	Price (Each)	Price (Total)
SuperLite PCB	1		Circuit Board	18 Watt SuperLite		\$30.00	\$30.00
							\$30.00

[Ted Weber](#)

Part #	Quantity	Datasheet	Component Type	Description	Manufacturer	Price (Each)	Price (Total)
W025130	1		Power Transformer	U.S. Voltages (120Vac)	Ted Weber	\$50.00	\$50.00
or W025130	1		Power Transformer	International Voltages	Ted Weber	\$56.00	
W404248	1		Output Transformer	18 Watt Push-Pull OT	Ted Weber	\$46.00	\$46.00
							\$96.00

[Mouser](#)

Part #	Quantity	Datasheet	Component Type	Description	Manufacturer	Price (Each)	Price (Total)
C1, C2	2	Data Sheet	Capacitor - Electrolytic	33 µF 450V - Radial	Nichicon	\$1.76	\$3.52
C3, C4	2	Data Sheet	Capacitor - Electrolytic	22 µF 450V - Radial	Nichicon	\$1.23	\$2.46
C15	1	Data Sheet	Capacitor - Electrolytic	470 µF 50V - Axial	Xicon	\$1.05	\$1.05
C5, C7	2	Data Sheet	Capacitor - Electrolytic	1 µF 50V - Axial	Vishay/Sprague	\$0.31	\$0.62
R25	1	Data Sheet	Resistor - Metal Oxide	130 Ω 5W	Xicon	\$0.49	\$0.49
R2	1	Data Sheet	Resistor - Metal Oxide	2.2 KΩ 2W	KOA Speer	\$0.14	\$0.14
R3	1	Data Sheet	Resistor - Metal Oxide	8.2 KΩ 2W	KOA Speer	\$0.15	\$0.15
R24	1	Data Sheet	Resistor - Metal Oxide	1 KΩ 2W	KOA Speer	\$0.14	\$0.14
R1	1	Data Sheet	Resistor - Metal Oxide	220 KΩ 1W	Xicon	\$0.13	\$0.13
R7	1	Data Sheet	Resistor - Carbon Film	1.5 KΩ 1W	Xicon	\$0.18	\$0.18
R4	1	Data Sheet	Resistor - Carbon Film	27 KΩ 1W	Xicon	\$0.18	\$0.18
R8, R12, R18, R19	4	Data Sheet	Resistor - Carbon Film	100 KΩ 1W	Xicon	\$0.18	\$0.72
R13	1	Data Sheet	Resistor - Carbon Film	56 KΩ 1W	Xicon	\$0.18	\$0.18
R9, R10, R15, R16, R18, R19	6	Data Sheet	Resistor - Carbon Film	470 KΩ 1W	Xicon	\$0.18	\$1.08
R22, R23	2	Data Sheet	Resistor - Carbon Film	8.2 KΩ 1W	Xicon	\$0.18	\$0.36
R14	1	Data Sheet	Resistor - Carbon Film	47 KΩ 1W	Xicon	\$0.18	\$0.18
R17	2	Data Sheet	Resistor - Carbon Film	820 Ω 1W	Xicon	\$0.18	\$0.36
R5	1	Data Sheet	Resistor - Carbon Film	1 MΩ 1W	Xicon	\$0.18	\$0.18
R6	1	Data Sheet	Resistor - Carbon Film	10 KΩ 1W	Xicon	\$0.18	\$0.18
	3	Data Sheet		1/4" 2 Cond. Open	Neutrik	\$0.92	\$2.76
	6	Data Sheet	PCB Standoff	10 mm - Hex	Harwin	\$0.43	\$2.58
	100	Data Sheet	Steel Screw - Pan / Phillips	3 mm X 6 mm	Eagle Plastic Dev.	\$0.01	\$1.20
	1	Data Sheet	Indicator Light	Red - 120VAC	Chicago Min.	\$2.33	\$2.33
*** for 240Vac ***	1	Data Sheet	Indicator Light	Red - 240VAC	Chicago Min.	\$2.33	
VR1	1	Page 677	Potentiometer	1 MΩ Audio	Alpha	\$1.40	\$1.40
VR2, VR4	2	Page 677	Potentiometer	500 KΩ Audio	Alpha	\$1.40	\$2.80
VR3	1	Page 677	Potentiometer	250 KΩ Linear	Alpha	\$1.40	\$1.40
VR5	1	Page 677	Potentiometer	25 KΩ Linear	Alpha	\$1.40	\$1.40
	1	Data Sheet	Toggle Switch	DPST	Carling	\$6.83	\$6.83
	1	Data Sheet	Toggle Switch	SPST	Carling	\$3.25	\$3.25
	1	Data Sheet	IEC AC Connector	w/ Fuse Tray	Bulgin	\$2.69	\$2.69
	4	Data Sheet	5 . 20mm Fuse	2 Amps	Schurter	\$0.27	\$1.08
	4	Data Sheet	Terminal Lug	Grounding Solder Tab	Keystone	\$0.18	\$0.72
	6	Data Sheet	Spade Terminal	Female	Keystone	\$0.15	\$0.90
	3	Data Sheet	Spade Terminal	Male	Keystone	\$0.16	\$0.48
	3	Data Sheet	Spade Terminal	Male	Keystone	\$0.11	\$0.33
							\$44.45

[Antique Electronic Supply](#)

Part #	Quantity	Datasheet	Component Type	Description	Manufacturer	Price (Each)	Price (Total)
C8	1	C-SM250	Capacitor - Silver Mica	250 pF 500V		\$0.50	\$0.50
C12	1	C-MD1-630	Capacitor - 150's	0.1 µF 630V	Mallory	\$1.03	\$1.03
C6, C9, C10	3	C-MD022-630	Capacitor - 150's	0.022 µF 630V	Mallory	\$0.74	\$2.22
C11, C13, C14	4	C-MD01-630	Capacitor - 150's	0.01 µF 630V	Mallory	\$0.66	\$2.64
	1			Panel Mount	Cliff	\$2.21	\$2.21
	1		Knobs (pack of 8)	Authentic Marshall		\$13.95	\$13.95
	1	P-H1441-26	Steel Chassis	16 x 8 x 2	Hammond	\$25.75	\$25.75
	1	P-ST8-807	Chassis Mount Tube Socket	8-Pin Solder Lug		\$1.95	\$1.95
	4	P-ST9-620	PC Mount Tube Socket	9-Pin Standoff	Belton	\$2.48	\$9.92
	1	S-H142	Tube Retainer	Octal Tubes		\$1.76	\$1.76
*****	1	T-5AR4-JJ	Rectifier Tube	5AR4 (GZ34)	JJ Tesla	\$15.95	\$15.95
	2	T-12AX7-S-JJ	Pre-Amplifier Tube	12AX7 S JJ	JJ Tesla	\$9.50	\$19.00
	1	T-EL84-JJ	Power Tube	EL84 (Matched Pair)	JJ Tesla	\$21.50	\$21.50
							\$118.38

Total \$288.83

***** A 5U4GB rectifier tube is recommended for more distortion from the preamp.
[T-5U4GB-JJ](#) 1 Rectifier Tube 5U4GB JJ Tesla \$15.95 \$15.95