

SuperLite II v2.7 (18 Watt) 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)
SLTIIV2.7	1		Circuit Board	SuperLite II (18 Watt)		\$35.00	\$35.00
							\$35.00

Musical Power Supplies

Part #	Quantity	Datasheet	Component Type	Description	Manufacturer	Price (Each)	Price (Total)
OT20PP	1		Output Transformer	18 Watt Push-Pull OT	MPS	\$28.95	\$28.95
							\$28.95

Antek Inc.

Part #	Quantity	Datasheet	Component Type	Description	Manufacturer	Price (Each)	Price (Total)
AN-2T230	1	Specs	Power Transformer	200VA Toroidal Trans.	Antek	\$35.00	\$35.00
							\$35.00

Mouser

Part #	Quantity	Datasheet	Component Type	Description	Manufacturer	Price (Each)	Price (Total)
C1, C2	2	Data Sheet	Capacitor - Electrolytic	33 µF 450V - Radial	Nichicon	\$1.67	\$3.34
C3, C4	2	Data Sheet	Capacitor - Electrolytic	22 µF 450V - Radial	Xicon	\$0.94	\$1.88
C16	1	Data Sheet	Capacitor - Electrolytic	2200 µF 35V - Axial	Xicon	\$1.98	\$1.98
C5	1	Page 838	Capacitor - Polyester Film	0.68 µF 100V - Axial	Mallory	\$0.74	\$0.74
R26, R27	2	Data Sheet	Resistor - Wire Wound	100 Ω 3W	Vishay / Dale	\$0.60	\$1.20
R28	1	Data Sheet	Resistor - Wire Wound	150 Ω 5W	Vishay / Dale	\$0.28	\$0.28
R4	1	Data Sheet	Resistor - Wire Wound	1.5 KΩ 5W	Xicon	\$0.39	\$0.39
R5, R6	2	Data Sheet	Resistor - Metal Film	4.7 KΩ 2W	Vishay / BC Comp.	\$0.32	\$0.64
R8	1	Data Sheet	Resistor - Metal Film	10K Ω 1W	Vishay / BC Comp.	\$0.16	\$0.16
R14	1	Data Sheet	Resistor - Metal Film	33K Ω 1W	Vishay / BC Comp.	\$0.16	\$0.16
R13	1	Data Sheet	Resistor - Metal Film	68K Ω 1W	Vishay / BC Comp.	\$0.16	\$0.16
R20	1	Data Sheet	Resistor - Metal Film	82K Ω 1W	Vishay / BC Comp.	\$0.16	\$0.16
R21	1	Data Sheet	Resistor - Metal Film	100K Ω 1W	Vishay / BC Comp.	\$0.16	\$0.16
R10	1	Data Sheet	Resistor - Metal Film	120K Ω 1W	Vishay / BC Comp.	\$0.16	\$0.16
R3, R11, R17, R18, R22, R23	6	Data Sheet	Resistor - Metal Film	470K Ω 1W	Vishay / BC Comp.	\$0.16	\$0.96
R7	1	Data Sheet	Resistor - Metal Film	1M Ω 1W	Vishay / BC Comp.	\$0.16	\$0.16
R12, R19	2	Data Sheet	Resistor - Carbon Film	820 Ω 1W	Xicon	\$0.18	\$0.36
R9	1	Data Sheet	Resistor - Carbon Film	2.7 KΩ 1W	Xicon	\$0.18	\$0.18
R24, R25	2	Data Sheet	Resistor - Carbon Film	8.2 KΩ 1W	Xicon	\$0.18	\$0.36
R16	1	Data Sheet	Resistor - Carbon Film	47 KΩ 1W	Xicon	\$0.18	\$0.18
R15	1	Data Sheet	Resistor - Carbon Film	56 KΩ 1W	Xicon	\$0.18	\$0.18
R1, R2	2	Data Sheet	Resistor - Metal Film	100 Ω ½W	KOA Speer	\$0.18	\$0.36
D1, D2, D3, D4	4	Data Sheet	Rectifier Diode	Fast/Soft Recov. 1A	Fairchild	\$0.19	\$0.76
VR1	1	Page 677	Potentiometer	1MΩ Audio	Alpha	\$1.40	\$1.40
VR2, VR4	2	Page 677	Potentiometer	500K Ω Audio	Alpha	\$1.40	\$2.80
VR3	1	Page 677	Potentiometer	250K Ω Linear	Alpha	\$1.40	\$1.40
VR5	1	Page 677	Potentiometer	25K Ω Linear	Alpha	\$1.40	\$1.40
	3	Data Sheet	½" 2 Cond. Open	Panel Mount	Neutrik	\$0.92	\$2.76
	6	Data Sheet	PCB Standoff	10 mm - Hex	Harwin	\$0.43	\$2.58
	12	Data Sheet	Steel Screw - Pan / Phillips	3 mm X 6 mm	Eagle Plastic Dev.	\$0.12	\$1.44
607-1031D1	1	Data Sheet	Indicator Light	Red - 120VAC	Chicago Min.	\$2.33	\$2.33
*** for 240Vac ***							
	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
							\$45.59

Antique Electronic Supply

Part #	Quantity	Datasheet	Component Type	Description	Manufacturer	Price (Each)	Price (Total)
C7	1	C-SM500	Capacitor - Silver Mica	500 pF 500V		\$0.60	\$0.60
C9	1	C-SM250	Capacitor - Silver Mica	250 pF 500V		\$0.50	\$0.50
C13	1	C-MD1-630	Capacitor - 150's	0.1 µF 630V	Mallory	\$1.03	\$1.03
C6, C10, C11 C12	4	C-MD022-630	Capacitor - 150's	0.022 µF 630V	Mallory	\$0.74	\$2.96
C14, C15	2	C-MD01-630	Capacitor - 150's	0.01 µF 630V	Mallory	\$0.66	\$1.32
	1	S-H501	½" 2 Cond. Switthed	Panel Mount	Cliff	\$2.21	\$2.21
	1	P-KM100	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
	4	P-ST9-223	PC Mount Tube Socket	9-Pin Standoff		\$1.75	\$7.00
	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
							\$95.82

Total \$240.36