

GuitarAmplifierPCBs.com
18 Watt Litellb "Baby Will"
Parts List for Scratch Build

*These prices will 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)
Baby Will	1		Circuit Board	18 Watt Litellb PCB		\$25.00	\$25.00
							\$25.00

[Musical Power Supplies](#)

Part #	Quantity	Datasheet	Component Type	Description	Manufacturer	Price (Each)	Price (Total)
PT275V	1		Power Transformer	275-0-275	MPS	\$33.00	\$33.00
OT15PP	1		Output Transformer	18 Watt Push-Pull OT	MPS	\$24.95	\$24.95
							\$57.95

[Mouser](#)

Part #	Quantity	Datasheet	Component Type	Description	Manufacturer	Price (Each)	Price (Total)
647-UVZ2W330MHD	3	Data Sheet	Capacitor - Electrolytic	33 µF 450V - Radial	Nichicon	\$1.85	\$5.55
286-130-RC	1	Data Sheet	Resistor - Metal Oxide	130 Ω 5W	Xicon	\$0.49	\$0.49
588-45F150E	1	Data Sheet	Resistor - Wire Wound	150 Ω 5W	Ohmite	\$1.23	\$1.23
660-MO2C222J	1	Data Sheet	Resistor - Metal Oxide	2.2 KΩ 2W	KOA Speer	\$0.14	\$0.14
660-MO2CT631R822J	1	Data Sheet	Resistor - Metal Oxide	8.2 KΩ 2W	KOA Speer	\$0.15	\$0.15
660-MOS1CT52R102J	2	Data Sheet	Resistor - Metal Oxide	1 KΩ 1W	KOA Speer	\$0.09	\$0.18
261-100K-RC	2	Data Sheet	Resistor - Metal Oxide	100 KΩ 1W	Xicon	\$0.13	\$0.26
261-120K-RC	1	Data Sheet	Resistor - Metal Oxide	120 KΩ 1W	Xicon	\$0.13	\$0.13
261-220K-RC	1	Data Sheet	Resistor - Metal Oxide	220 KΩ 1W	Xicon	\$0.13	\$0.13
273-470K-RC	4	Data Sheet	Resistor - Metal Film	470 KΩ ½W	Xicon	\$0.10	\$0.40
273-8.2K-RC	2	Data Sheet	Resistor - Metal Film	8.2 KΩ ½W	Xicon	\$0.10	\$0.20
273-47K-RC	1	Data Sheet	Resistor - Metal Film	47 KΩ ½W	Xicon	\$0.10	\$0.10
273-820-RC	2	Data Sheet	Resistor - Metal Film	820 Ω ½W	Xicon	\$0.10	\$0.20
273-1.0M-RC	2	Data Sheet	Resistor - Metal Film	1 Meg Ω ½W	Xicon	\$0.10	\$0.20
273-10K-RC	2	Data Sheet	Resistor - Metal Film	10K Ω ½W	Xicon	\$0.14	\$0.28
660-MF1/2CC1000F	2	Data Sheet	Resistor - Metal Film	100 Ω ½W	KOA Speer	\$0.18	\$0.36
594-64Y201	1	Data Sheet	Multi-Turn Trimpot	200 Ω ½W	Vishay	\$2.43	\$2.43
625-UF5408-E3	4	Data Sheet	Rectifier Diode	Fast/Soft Recov. 1A	Vishay	\$0.44	\$1.76
550-12001	3	Data Sheet	¼" 2 Cond. Open	Panel Mount	Neutrik	\$0.92	\$2.76
855-R30-1011002	10	Data Sheet	PCB Standoff	10 mm - Hex	Harwin	\$0.43	\$4.30
48SM003	100	Data Sheet	Steel Screw - Pan / Phillips	3 mm X 6 mm	Eagle Plastic Dev.	\$0.01	\$1.20
607-1030D1	1	Data Sheet	Indicator Light	Red - 120VAC	Chicago Min.	\$2.33	\$2.33
691-2GK50-73	1	Data Sheet	Toggle Switch	DPST	Carling	\$6.83	\$6.83
691-2FA53-73	1	Data Sheet	Toggle Switch	SPST	Carling	\$3.25	\$3.25
161-PF0001/28	1	Data Sheet	IEC AC Connector	w/ Fuse Tray	Bulgin	\$2.69	\$2.69
693-0034.3120	5	Data Sheet	5 . 20mm Fuse	2 Amps	Schurter	\$0.27	\$1.35
534-4966	9	Data Sheet	Spade Terminal	PC Quick Fit	Keystone	\$0.16	\$1.44
							\$40.34

[Antique Electronic Supply](#)

Part #	Quantity	Datasheet	Component Type	Description	Manufacturer	Price (Each)	Price (Total)
P-18W (10% Discount)	1		AES Parts Kit	Baby Will 18W		\$43.62	\$43.62
P-H1441-26	1		Steel Chassis	16 x 8 x 2	Hammond	\$25.75	\$25.75
T-12AX7-S-JJ	2		Pre-Amplifier Tube	12AX7 S JJ	JJ Tesla	\$9.50	\$19.00
T-EL84-JJ	1		Power Tube	EL84 (Matched Pair)	JJ Tesla	\$21.50	\$21.50
							\$109.87

Total \$233.16

AES part # P-18W includes the following components. These parts are offered with a 10% discount.

C-ET47-50	2		Capacitor - Electrolytic	47 µF 50V			
C-MD1-630	1		Capacitor - 150's	0.1 µF 630V	Mallory		
C-MD0047-630	1		Capacitor - 150's	0.0047 µF 630V	Mallory		
C-MD01-630	4		Capacitor - 150's	0.01 µF 630V	Mallory		
C-SM500	1		Capacitor - Silver Mica	500 pF 500V			
R-R150	1		Resistor - Wire Wound	150 Ω 10W			
R-VA500K	2		Potentiometer	24mm 500K Audio	Alpha		
S-H501	2		¼" 2 Cond. Switthed	Panel Mount	Cliff		
P-KM100	1		Knobs (pack of 8)	Authentic Marshall			
P-ST9-620	4	Data Sheet	PC Mount Tube Socket	9-Pin Standoff	Belton		
S-H144	2		Tube Retainer	EL84 Tubes			
P-SS9-400	2		9-Pin Tube Shield	Aluminum	Belton		