

## GuitarAmplifierPCBs.com 18 Watt Litellb "Baby Will"

### Parts List for Valve Junior Conversion

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)
18 Watt Litellb PCB	1		Circuit Board	Baby Will		\$25.00	\$25.00
							<b>\$25.00</b>

#### Musical Power Supplies

Part #	Quantity	Datasheet	Component Type	Description	Manufacturer	Price (Each)	Price (Total)
OT15PP	1		Output Transformer	18 Watt Push-Pull OT	MPS	\$24.95	\$24.95
							<b>\$24.95</b>

#### Mouser

Part #	Quantity	Datasheet	Component Type	Description	Manufacturer	Price (Each)	Price (Total)
<a href="#">647-UV22W330MHD</a>	3	<a href="#">Data Sheet</a>	Capacitor - Electrolytic	33 $\mu$ F 450V - Radial	Nichicon	\$1.85	\$5.55
<a href="#">286-130-RC</a>	1	<a href="#">Data Sheet</a>	Resistor - Metal Oxide	130 $\Omega$ 5W	Xicon	\$0.49	\$0.49
<a href="#">588-45F150E</a>	1	<a href="#">Data Sheet</a>	Resistor - Wire Wound	150 $\Omega$ 5W	Ohmite	\$1.23	\$1.23
<a href="#">660-MO2C222J</a>	1	<a href="#">Data Sheet</a>	Resistor - Metal Oxide	2.2 K $\Omega$ 2W	KOA Speer	\$0.14	\$0.14
<a href="#">660-MO2CT631R822J</a>	1	<a href="#">Data Sheet</a>	Resistor - Metal Oxide	8.2 K $\Omega$ 2W	KOA Speer	\$0.15	\$0.15
<a href="#">660-MOS1CT52R102J</a>	2	<a href="#">Data Sheet</a>	Resistor - Metal Oxide	1 K $\Omega$ 1W	KOA Speer	\$0.09	\$0.18
<a href="#">261-100K-RC</a>	2	<a href="#">Data Sheet</a>	Resistor - Metal Oxide	100 K $\Omega$ 1W	Xicon	\$0.13	\$0.26
<a href="#">261-120K-RC</a>	1	<a href="#">Data Sheet</a>	Resistor - Metal Oxide	120 K $\Omega$ 1W	Xicon	\$0.13	\$0.13
<a href="#">261-220K-RC</a>	1	<a href="#">Data Sheet</a>	Resistor - Metal Oxide	220 K $\Omega$ 1W	Xicon	\$0.13	\$0.13
<a href="#">273-470K-RC</a>	4	<a href="#">Data Sheet</a>	Resistor - Metal Film	470 K $\Omega$ 1/2W	Xicon	\$0.10	\$0.40
<a href="#">273-8.2K-RC</a>	2	<a href="#">Data Sheet</a>	Resistor - Metal Film	8.2 K $\Omega$ 1/2W	Xicon	\$0.10	\$0.20
<a href="#">273-47K-RC</a>	1	<a href="#">Data Sheet</a>	Resistor - Metal Film	47 K $\Omega$ 1/2W	Xicon	\$0.10	\$0.10
<a href="#">273-820-RC</a>	2	<a href="#">Data Sheet</a>	Resistor - Metal Film	820 $\Omega$ 1/2W	Xicon	\$0.10	\$0.20
<a href="#">273-10K-RC</a>	1	<a href="#">Data Sheet</a>	Resistor - Metal Film	10K $\Omega$ 1/2W	Xicon	\$0.14	\$0.14
<a href="#">273-1.0M-RC</a>	1	<a href="#">Data Sheet</a>	Resistor - Metal Film	1 Meg $\Omega$ 1/2W	Xicon	\$0.10	\$0.10
<a href="#">660-MF1/2CC1000F</a>	2	<a href="#">Data Sheet</a>	Resistor - Metal Film	100 $\Omega$ 1/2W	KOA Speer	\$0.18	\$0.36
<a href="#">594-64Y201</a>	1	<a href="#">Data Sheet</a>	Multi-Turn Trimpot	200 $\Omega$ 1/2W	Vishay	\$2.43	\$2.43
<a href="#">625-UF5408-E3</a>	4	<a href="#">Data Sheet</a>	Rectifier Diode	Fast/Soft Recov. 1A	Vishay	\$0.44	\$1.76
<a href="#">855-R30-101100Z</a>	10	<a href="#">Data Sheet</a>	PCB Standoff	10 mm - Hex	Harwin	\$0.43	\$4.30
<a href="#">48SM003</a>	100	<a href="#">Data Sheet</a>	Steel Screw - Pan / Phillips	3 mm X 6 mm	Eagle Plastic Dev.	\$0.01	\$1.20
<a href="#">5164-2300</a>	2		Control Knob	Chicken Head	Davies Molding	\$1.55	\$3.10
<a href="#">158-1005</a>	1	<a href="#">Data Sheet</a>	Terminal Strip	5 lugs	Kobiconn	\$0.96	\$0.96
<a href="#">517-2251</a>	9	<a href="#">Data Sheet</a>	Spade Terminal	Female	Keystone	\$0.15	\$1.35
<a href="#">534-4966</a>	9	<a href="#">Data Sheet</a>	Spade Terminal	Male	Keystone	\$0.16	\$1.44
							<b>\$26.30</b>

#### Antique Electronic Supply

Part #	Quantity	Datasheet	Component Type	Description	Manufacturer	Price (Each)	Price (Total)
P-EVJ	1		AES Parts Pack	Baby Will 18W (10% Discount)		\$26.78	\$26.78
<a href="#">T-12AX7-S-JJ</a>	2		Pre-Amplifier Tube	12AX7 S JJ	JJ Tesla	\$9.50	\$19.00
<a href="#">T-EL84-JJ</a>	1		Power Tube	EL84 (Matched Pair)	JJ Tesla	\$21.50	\$21.50
							<b>\$67.28</b>

**Total \$143.53**

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

<a href="#">C-ET47-50</a>	2		Capacitor - Electrolytic	47 $\mu$ F 50V			
<a href="#">C-MD1-630</a>	1		Capacitor - 150's	0.1 $\mu$ F 630V	Mallory		
<a href="#">C-MD0047-630</a>	1		Capacitor - 150's	0.0047 $\mu$ F 630V	Mallory		
<a href="#">C-MD01-630</a>	4		Capacitor - 150's	0.01 $\mu$ F 630V	Mallory		
<a href="#">C-SM500</a>	1		Capacitor - Silver Mica	500 pF 500V			
R-R150	1		Resistor - Wire Wound	150 $\Omega$ 10W			
R-VA500K	2		Potentiometer	24mm 500K Audio	Alpha		
<a href="#">P-ST9-620</a>	4	<a href="#">Data Sheet</a>	PC Mount Tube Socket	9-Pin Standoff	Belton		
<a href="#">S-H144</a>	2		Tube Retainer	EL84 Tubes			
<a href="#">P-SS9-400</a>	2		9-Pin Tube Shield	Aluminum	Belton		