

GROUP BUY Baby Huey MK2 Power Supply (September 2019)

Thank you for buying the new improved version with separate Power Supply module, I hope you will enjoy building and listening this new Baby Huey MK2 amplifier. Please use the forum to discuss various options for all versions:

<https://www.diyaudio.com/forums/tubes-valves/326920-el34-baby-huey-amplifier.html>

Cheers,

Marc

Components List Amplifier Baby Huey MK2 Power Supply

(September 23, 2019)

Reference	Value	Manufacturer code	Suppliers
R1, R7	1k	Vishay MBB02070C1001FC100	Mouser
R2	470k	Vishay MBB02070C4703FC100	Mouser
R3	1M	Vishay MBB02070C1004FC100	Mouser
R4, R8	2.2M	Vishay MBB02070C2204FC100	Mouser
R5	10k	Vishay MBB02070C1002FC100	Mouser
R6	2.7k	Vishay MBB02070C2701FC100	Mouser
R9	1.8k	Vishay MBB02070C1801FC100	Mouser
R10	220	Vishay MBB02070C2200FC100	Mouser
R11, R12	330	Vishay MBB02070C3300FC100	Mouser
R13	274k 2W	FMP200FRF52-274K	Mouser
R14	10 5W		Mouser
R15	10k 5W		Mouser
R16	NTC		Mouser
C1, C2	470uF 100V Ø16mm	Nichicon UY2A471MHD1TN	Mouser
C3	470uF 450V Ø35mm 470uF 500V	Nichicon LGW2W471MELC45 KEMET ALA7DA471DE500	Mouser
C4, C5, C6	0.15uF 160V	EPCOS B32620A5154J	Mouser
C7	220uF 25V Ø16mm		Mouser
C8	10nF 50V		Mouser
C9, C13	10uF 25V		Mouser
C10	47uF 450V Ø16mm 47 uF 500V	Nichicon UCY2W 470MHD6TN Nichicon UCY2H470MHD	Mouser
C11, C12	2200uF 25V Ø16mm	Nichicon UPW1E222MHD	Mouser
C14, C15, C16	10nF 630V		
D1, D2, D3, D4, D5, D6, D9, D10	UF4007	Vishay	Mouser
D7, D11, D12	1N4004 or UF4007	Vishay	Mouser
D8	1N4742A	Vishay	Mouser

B1	Bridge 400V 10A	GeneSiC KBU1004	Mouser
Q1	IRF9610		Mouser
Q2	2N3906		Mouser
IC1	LM555		Mouser
IC2	LM317		Mouser
LED1	LED red 3mm		Mouser
LED2	LED green 3mm		Mouser
K1	Relay G5L	G5LE-1-DC12	Mouser
KK1, KK2	Heatsink SK104	SK 104 50,8 STS	Newark
X1, X2, X3, X4	Terminal block 2	Phoenix FFKDSA1/V1-5.08-2	Mouser
X5	Header KK156 2-pin	Molex 26-62-4020	Mouser
X6	Terminal block 4	Phoenix FFKDSA1/V1-5.08-4	Mouser
X7	Header KK 2.54 3-pin	Molex 38-00-6293	Mouser