

Jurgen Haible MOTM-format Triple Chorus PCB Mouser BOM

Qty	Part	Mouser Number	Comment
Semiconductors			
3	TDA1022		NOS BBD
3	CD4011	595-CD4011UBE	CMOS Quad Dual-Input NAND
1	TL071	595-TL071BCP	BiFet Opamp
2	TL072	595-TL072BCP	Dual BiFet Opamp
6	LM1458	926-LM1458N/NOPB	Dual Opamp
6	BC560C	512-BC560CTA	PNP Transistor
12	1N4148	512-1N4148	Diode
Capacitors (25VDC or greater)			
2	33pF	810-FG18COG1H330JNT6	Ceramic 2.5mm LS
6	150pF ("n15")	810-FK18COG1H151J	Ceramic 2.5mm LS
6	1nF	810-FK18COG1H102J	Ceramic 2.5mm LS
3	47pF	810-FK28COG1H470J	Ceramic 5mm LS
1	220pF	810-FK28COG1H221J	Ceramic 5mm LS
3	560pF	810-FK28COG1H561J	Ceramic 5mm LS
3	100nF ("u1")	810-FK26COG1H104J	Ceramic 5mm LS
1	1nF	80-MMK5102K50J01TR16	Film 5mm or 7.5mm LS
1	1.5nF	80-MMK7.5152K50K00L4	Film 5mm or 7.5mm LS
3	2.7nF	80-MMK5272K50J01L4	Film 5mm or 7.5mm LS
1	3.3nF	871-B32529C332K189	Film 5mm or 7.5mm LS
2	4.7nF	80-MMK5472K50J01L4	Film 5mm or 7.5mm LS
2	6.8nF	80-MMK5682K50J01L4	Film 5mm or 7.5mm LS
3	8.2nF	80-MMK5822K50J01TR16	Film 5mm or 7.5mm LS
1	10nF	80-MMK5103K50J01L4	Film 5mm or 7.5mm LS
1	12nF	80-MMK5123K50J01L4	Film 5mm or 7.5mm LS
1	22nF	80-MMK5223K50J01L4	Film 5mm or 7.5mm LS
1	33nF	80-MMK5333K63J01TR18	Film 5mm or 7.5mm LS
2	47nF	80-MMK5473K50J01TR18	Film 5mm or 7.5mm LS
2	68nF	80-MMK5683K63J01TR18	Film 5mm or 7.5mm LS
1	100nF ("u1")	80-MMK5104K50J01L4	Film 5mm or 7.5mm LS
1	150nF ("u15")	80-MMK5154K50J01L4	Film 5mm or 7.5mm LS
10	220nF ("u22")	80-MMK5224K50J01L4	Film 5mm or 7.5mm LS; 6 need to be narrow

1 470nF	80-MMK5474K50J01L4	Film 5mm or 7.5mm or 10mm LS
10 100nF	80-C1206C104K5R	SMD 1206; can also use 0805
7 1uF Electrolytic	647-UPM1H010MDD1TD	max 5mm diameter
5 10uF Electrolytic	667-ECA-1EM100I	max 5mm diameter
2 22uF Electrolytic	667-ECA-1EM220I	max 5mm diameter
9 47uF Electrolytic	667-ECA-1EM470I	max 5mm diameter
3 100uF Electrolytic	667-ECA-1EM101I	max 6.3mm diameter

Resistors (1/4W 1%)

1 10 Ohm	271-10-RC
8 100 Ohm	271-100-RC
5 470 Ohm	271-470-RC
4 620 Ohm	271-620-RC
1 820 Ohm	271-820-RC
8 1k	271-1K-RC
1 1k2	271-1.2K-RC
3 1k6	271-1.6K-RC
1 2k	271-2K-RC
1 2k2	271-2.2K-RC
3 2k4	271-2.4K-RC
1 3k3	271-3.3K-RC
1 4k7	271-4.7K-RC
4 5k1	271-5.1K-RC
1 5k6	271-5.6K-RC
1 9k1	271-9.1K-RC
16 10k	271-10K-RC
1 11k	271-11K-RC
3 15k	271-15K-RC
14 22k	271-22K-RC
4 30k	271-30K-RC
1 33k	271-33K-RC
8 47k	271-47K-RC
1 51k	271-51K-RC
1 68k	271-68K-RC
1 82k	271-82K-RC

-1 for MOTM power supply

13 100k	271-100K-RC
6 120k	271-120K-RC
1 150k	271-150K-RC
1 270k	271-270K-RC
4 300k	271-300K-RC
1 470k	271-470K-RC
6 560k	271-560K-RC
1 620k	271-620K-RC
3 680k	271-680K-RC
2 820k	271-820K-RC
1 1M	271-1.0M-RC
1 1M5	271-1.5M-RC
1 2M2	271-2.2M-RC

Miscellaneous

2 1M 10mm trimmer	531-PT10MV-1M	Piher PT-10, horiz mount, single turn, hex slot
1 100k Cermet trimmer		single turn ; use 100k lin potentiometer on the front panel
7 2 pin header	571-6404542	2.54mm LS; need to trim to fit Out1-3
7 dust cover	571-3-640441-2	
7 cable connector	571-6405502	
4 3 pin header	571-6404543	2.54mm LS; +1 for Shape potentiometer, bend to fit
4 dust cover	571-3-640441-3	
4 cable connector	571-6405503	
1 5 pin header	571-6404545	2.54mm LS
1 dust cover	571-3-640441-5	
1 cable connector	571-6405505	
1 6 pin header	571-6404454	MOTM power
4 standoff 4-40 F/F	534-2206	large 1.5";smaller 1.25" preferred
3 16 pin sockets	517-4816-3000-CP	