

MUSIC THING EQ BOM - PCB REV 1.1

Qty	Value	Package	Parts	Description	Mouser P/N
2	220R	R0805	R13, R14	RESISTOR	667-ERJ-6ENF2200V
2	1.8k	R0805	R5, R10	RESISTOR	667-ERJ-6ENF1801V
2	2.2k	R0805	R8, R11	RESISTOR	667-ERJ-6ENF2201V
2	6.8k	R0805	R9, R12	RESISTOR	667-ERJ-6ENF6801V
1	9.1k	R0805	R7	RESISTOR	667-ERJ-6ENF9101V
4	10k	R0805	R1, R2, R3, R4	RESISTOR	667-ERJ-6ENF1002V
1	22k	R0805	R6	RESISTOR	667-ERJ-6ENF2202V

2	22pf	R0805	C4, C6	CAPACITOR	81-GRM21A5C2E220JW1D (5% COG NPO)
1	4n7	R0805	C2	CAPACITOR	81-GRM2165C1H472GA01 (2% COG NPO)
2	33nf	R0805	C3, C5	CAPACITOR	81-GRM40X333J50D (5% X7R)
5	100n	R0805	C1, C7, C8, C11, C12	CAPACITOR	81-GRM40X104K50L (50V, 10% X7R)
2	47u	6.3mm dia	C9, C10	POLARIZED CAPACITOR 25V or better	667-EEE-FK1V470P (35V)

2	NE5532	SO08	IC1, IC2	OP AMP	595-NE5532D
2	1N5819	SOD123	D1, D2	DIODE	621-1N5819HW-F !! CHECK BUILD DOC FOR POLARITY !!
2		PTC 0805 SMD	F1, F2	Resettable Fuse PTC	652-MF-PSMF020X-2

1		2x5 2.54mm Pin Header			649-67996-410HLF
4		Thonkiconn PJ301M Jack		http://www.thonk.co.uk/shop/3-5mm-jack-sample-bags/	
3	B10k	ALPHA-9MMF2A B10K Linear Vertical 9 mm Pots		http://www.thonk.co.uk/shop/alpha-9mm-pots/	
3	Knobs	Black 1900h knobs (6.35mm round shaft)		http://www.thonk.co.uk/shop/knobs-davies-1900h-clone-metal/	
1	Eurorack Power Cable	10-16 Type		http://www.thonk.co.uk/shop/eurorack-power-cables/	