

JSI RESONATOR (REV-A) - BOM (2021-05-27)

Value	RefDes	Qty	Name	Manufacturer
10	R70, R71	2	RES_1206_M	RC1206FR-1010RL
10	R26	1	RES_0603	RC0603FR-0710RL
470	R50, R58, R68	3	RES_0603	RC0603FR-07470RL
620	R2, R10, R11	3	RES_0603	RC0603FR-07620RL
1k	R35	1	RES_0603	RC0603FR-071KL
2k4	R48, R49, R56, R57, R66, R67	6	RES_0603	RC0603FR-072K4L
4k7	R31, R32, R72, R73	4	RES_0603	RC0603FR-074K7L
5k6	R7, R45, R53, R63	4	RES_0603	RC0603FR-075K6L
8k2	R1, R29, R30	3	RES_0603	RC0603FR-078K2L
10k	R5, R17, R21, R25, R47, R55, R60, R61, R65	9	RES_0603	RC0603FR-0710KL
22k	R3, R9, R15, R16, R19, R20, R23, R24, R46, R51, R54, R59, R64, R69	14	RES_0603	RC0603FR-0722KL
47k	R8	1	RES_0603	RC0603FR-0747KL
56k	R28	1	RES_0603	RC0603FR-0756KL
62k	R33	1	RES_0603	RC0603FR-0762KL
100k	R4, R12, R13, R14, R18, R22, R36, R37, R38, R39, R40, R41, R42, R43, R44, R52, R62	17	RES_0603	RC0603FR-07100KL
130k	R27	1	RES_0603	RC0603FR-07130KL
1M	R6	1	RES_0603	RC0603FR-071ML

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100p	C1	1	CAP_0603	GRM1885C1H101JA01D
100n	C2, C5, C6, C8, C9, C10, C11, C12	8	CAP_0603	CC0603KRX7R9BB104
1u	C3, C7, C14, C15, C18, C19	6	CAP_1206	C1206C105K5RACTU
10u	C4	1	CAP_1206	C3216X7R1E106K160AB
47u	C13, C16, C17	3	POLCAP	EEU-FR1H470
2n7	C19A, C20A	2	CAP_0805	GRM2165C1H272FA01D
2n7	C19B, C20B	2	CAP200	MMK5272J63J01L16.5TA18
12n	C15A, C16A	2	CAP_0805	GRM2195C1H123FA01D
12n	C15B, C16B	2	CAP200	R82EC2120AA50J
68n	C11A, C12A	2	CAP_1206	C1206C683F5GECAUTO7210
68n	C11B, C12B	2	CAP200	PHE426DJ5680GR05
<i>(NOTE: Choose A or B capacitors, NOT both.)</i>				
DB105-G	D1	1	DB105-G	DB105-G
KP-1608SGC	D2, D3	2	LED	KP-1608SGC
NE5532DR	U1, U3	2	NE5532DR	NE5532DR
OPA604	U2	1	OPA604	OPA604AU/2K5
CD4016BM	U4	1	CD4016BM	CD4016BM96
MC1458D	U5, U6, U7, U8, U9	5	MC1458D	MC1458D
TMR 3-1223E	U10	1	TMR 3-1223E	TMR 3-1223E
HDRF-1x8	J1, J4	1	RIBBON WIRE	25001-0802
DC_IN	J2	1	722RA	722RA
NRJ-NUT-B	J3, J5	2	NRJ-NUT-B	NRJ-NUT-B
NRJ6HF	J3, J5	2	INPUT, OUTPUT	NRJ6HF
B10k	RV1-RV11	11	SLIDERS	PTA4544-2010CIB103
SLB1470	S1	1	MODE	SLB1470
MHS22204	S2	1	BYPASS	MHS22204
PB400	S3	1	POWER	PB400EEQR1BLK

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MISCELLANEOUS:				
Enclosure	HAMMOND 1441-9BK3	1	1441-9BK3	1441-9BK3
Spacer	M3 8MM FEMALE-FEMALE spacer	6		eBay, etc.
Screw	M3 4MM screw	12		eBay, etc.
Screw	M4 8MM screw	4		eBay, etc.
Power Adapter	12VDC (100mA) Power Adapter (2,1mm)	1		eBay, etc.
FOR PREPARING THE HAMMOND ENCLOSURE:				
M4 Thread Steel Tap Threading Tool				eBay, etc.
Hand Drill				eBay, etc.
Various Size Metal Drill Bits				eBay, etc.
Automatic Center Punch tool				eBay, etc.
UPDATE LOG:				
Original BOM created: 2021-01-04				
UPDATE 2021-05-27: I REMOVE COMPONENT R34 (10R), LEAVE EMPTY!				