

Name	Description	Designator	Quantity	Manufacturer Part Number 1
	Hldr, Battery, PP3 (6R61), Phosphor Bronze, Tin, Panel Mount, 1, Solder Lug	B1	1	BX0023
GRM188R71H102K		C1, C2, C6, C9, C10	5	GRM188R71H102KA01D
CL10B104KB8NNN	Multi-layer Ceramic Capacitor, -55 to 125 degC, 2-Pin SMD (0603), RoHS, Tape and Reel	C3, C4, C5, C7, C8, C11, C12, C20	8	CL10B104KB8NNNC
10SVP10M	CAP ALUM POLY 10UF 20% 10V SMD	C13, C14, C16, C17, C18, C19, C21, C25	8	10SVP10M
EEFT1E471AP	CAP ALUM 470UF 20% 25V SMD	C15, C23, C26	3	EEFT1E471AP
EEE1CA470SP	CAP ALUM 47UF 20% 16V SMD	C22	1	EEE-1CA470SP
CL10B473KB8NNN	Cap Ceramic 47nF 50V X7R ±10% Pad SMD 0603 +125°C T/R	C24	1	CL10B473KB8NNNC
1N4448WS-7-F	DIODE GEN PURP 75V 250MA SOD323	D1, D2, D3	3	1N4448WS-7-F
Optional Gain	Header, 2-Pin	J2	1	
61306421821		J3	1	
Screw Hole (3mm,	3mm unplated plus washer keepout	MH1, MH2, MH3, MH4	4	
MMBFJ113	JFET N-CH 35V 350MW SOT23	Q1, Q7, Q8, Q9	4	MMBFJ113
MMBT3904LT1G	General Purpose Transistor, NPN Silicon, 3-Pin SOT-23, Pb-Free, Tape and Reel	Q2, Q3, Q4, Q5, Q6	5	MMBT3904LT1G
MMBT3906LT1G	General Purpose Transistor, PNP Silicon, 3-Pin SOT-23, Pb-Free, Tape and Reel	Q10	1	MMBT3906LT1G
ESR03EZPJ753	75kΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R2, R56	2	ESR03EZPJ753
ESR03EZPJ274	270kΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R3	1	ESR03EZPJ274
ESR03EZPJ103	10kΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R4, R6, R9, R12, R15, R17, R26, R32, R52, R61, R62	11	ESR03EZPJ103
ESR03EZPJ205	2MΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R5, R16, R30	3	ESR03EZPJ205
ESR03EZPJ304	300kΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R7	1	ESR03EZPJ304
ESR03EZPJ105	1MΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R8, R46	2	ESR03EZPJ105
ESR03EZPJ474	470kΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R10, R19, R41	3	ESR03EZPJ474
ESR03EZPJ202	2kΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R11	1	ESR03EZPJ202
ESR03EZPJ104	100kΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R14, R24, R25, R31, R44, R45, R47, R55, R58, R59, R60, R67	12	ESR03EZPJ104
ESR03EZPJ153	15kΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R18	1	ESR03EZPJ153
ESR03EZPJ363	36kΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R21	1	ESR03EZPJ363
ESR03EZPJ472	4.7kΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R22, R23, R37, R42, R54	5	ESR03EZPJ472
ESR03EZPJ473	47kΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R27, R36	2	ESR03EZPJ473
ESR03EZPJ475	4.7MΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R33, R35	2	ESR03EZPJ475
ESR03EZPJ305	3MΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R34	1	ESR03EZPJ305
ESR03EZPJ393	39kΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R39, R40	2	ESR03EZPJ393
ESR03EZPJ273	27kΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R43	1	ESR03EZPJ273
ESR03EZPJ302	3kΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R48, R65, R70	3	ESR03EZPJ302
ESR03EZPJ821	820Ω ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R50	1	ESR03EZPJ821
ESR03EZPJ201	200Ω ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R57	1	ESR03EZPJ201
ESR03EZPJ154	150kΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R63, R64	2	ESR03EZPJ154
ESR03EZPJ203	20kΩ ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R68	1	ESR03EZPJ203
ESR03EZPJ100	10Ω ±5% 0.25W 0603 Anti-Surge Chip Resistor AEC-Q200	R69	1	ESR03EZPJ100
AR Mod ON/OFF	Switch Toggle ON None ON SPDT Round Lever Solder Lug 5A 250VAC 28VDC Panel Mount with Threads	S1	1	
Sync Effect	Switch Toggle ON None ON SPDT Round Lever Solder Lug 5A 250VAC 28VDC Panel Mount with Threads	S2	1	
Noise In	Switch Toggle ON None ON SPDT Round Lever Solder Lug 5A 250VAC 28VDC Panel Mount with Threads	S4	1	
VCA Bypass	Switch Toggle ON None ON SPDT Round Lever Solder Lug 5A 250VAC 28VDC Panel Mount with Threads	S5	1	
Chirp/Square	Switch Toggle ON None ON SPDT Round Lever Solder Lug 5A 250VAC 28VDC Panel Mount with Threads	S7	1	
Power Switch	Switch Toggle ON None ON SPDT Round Lever Solder Lug 5A 250VAC 28VDC Panel Mount with Threads	S11	1	
Speaker	Loudspeaker	SPK1	1	
LM324DT	IC OPAMP GP 4 CIRCUIT 14SO	U1, U2	2	LM324DT
LM386MX-1/NOPB	Low Voltage Audio Power Amplifier, 0 to 70 degC, 8-pin SOIC (D8), Green (RoHS & no Sb/Br)	U3	1	LM386MX-1/NOPB