

Category	Description	Vendor Description	Item #	QTY	Vendor	Manuf	Price per	Total	Notes
DCB1 Board	Mezmerize B1 Buffer	MEZMERIZE B1 BUFFER			1 diyaudiostore	Salas	\$ 25.00	\$ 25.00	
DCB1 Board	Rectification diodes (4pcs) MUR120G	Rectifiers 200V 1A UltraFast	863-MUR120G		4 Mouser	onsemi	\$ 0.56	\$ 2.24	
DCB1 Board	Flyback diodes instead of 1N4001 (7pcs) 1N4007-E3/54	Rectifiers Vr/1000V Io/1A	625-1N4007-E3/54		7 Mouser	Vishay	\$ 0.22	\$ 1.54	
DCB1 Board	Main filter 4700uF capacitors (2pcs) Nichicon UFW1V472MHD "Standard for Audio"	Aluminum Electrolytic Capacitors - Radial Leaded 35volts 4700uF 20%	647-UFW1V472MHD		2 Mouser	Nichicon	\$ 2.80	\$ 5.60	
DCB1 Board	Local filter 100uF capacitors (4pcs) Nichicon UFG1V101MPM "High Grade Standard for Audio"	Aluminum Electrolytic Capacitors - Radial Leaded 35volts 100uF 85c 10x12.5 5LS	647-UFG1V101MPM		4 Mouser	Nichicon	\$ 0.78	\$ 3.12	Backorder, 10/1
DCB1 Board	Delay section timing 100uF capacitor (1pc) Panasonic EEU-FC1H101B	Aluminum Electrolytic Capacitors - Radial Leaded 100uF 50volts AEC-Q200	667-EEU-FC1H101B		1 Mouser	Panasonic	\$ 0.65	\$ 0.65	
DCB1 Board	Delay section reg decoupling capacitor: 100nF MKT (1pc) KEMET R82DC3100AA50J	Film Capacitors 63V 0.1uF 5% LS=5mm AEC-Q200	80-R82DC3100AA50J		1 Mouser	Kemet	\$ 0.25	\$ 0.25	
DCB1 Board	PCB 12V relays instead of 6GH-2 (7pcs) KEMET EA2-12NJ / NU or FUJITSU A-12W-K	Low Signal Relays - PCB 12V 1A Non Latching 2 Form C DPDT	551-EA2-12NJ		7 Mouser	Kemet	\$ 2.98	\$ 20.86	
DCB1 Board	Red LEDs (17pcs+spares) Kingbright WP1131DT	Standard LEDs - Through Hole Red 625nm Diffused 5mcd	604-WP1131DT		50 Mouser	Kingbright	\$ 0.23	\$ 11.60	
DCB1 Board	NPN transistors (2pcs) BC550CTA	Bipolar Transistors - BJT NPN 45V 100mA HFE/800	512-BC549BTA		2 Mouser	onsemi/Fairchild	\$ 0.35	\$ 0.70	Substitution
DCB1 Board	NPN transistor (1pc) BC517-D74Z (Darlington)	Darlington Transistors NPN DAR 30V 1.2A	512-BC517D74Z		1 Mouser	onsemi/Fairchild	\$ 0.32	\$ 0.32	
DCB1 Board	PNP transistor (1pc) BC560CTA	Bipolar Transistors - BJT TO-92 PNP GP AMP	512-BC559BTA		1 Mouser	onsemi/Fairchild	\$ 0.35	\$ 0.35	Substitution
DCB1 Board	JFETS: (4pcs in signal path) 2SK170BL or LSK170B matched for IDSS	Linear Systems LSK170 Quad 8-11mA	MATCHED JFETS		1 diyaudiostore	Linear Systems	\$ 35.00	\$ 35.00	
DCB1 Board	JFETS: (6pcs in PSUs area) 2SK170BL or LSK170B or 2SK117BL not matched for IDSS	Toshiba 2SK170/2SJ74 Octet 8-11mA	MATCHED JFETS		1 diyaudiostore	Linear Systems	\$ 100.00	\$ 100.00	Need to find unmatched JFETS
DCB1 Board	MOFSETS (2pcs) IRFP250PBF	MOSFET 200V N-CH HEXFET	844-IRFP250PBF		2 Mouser	Vishay	\$ 3.53	\$ 7.06	
DCB1 Board	MOFSETS (2pcs) IRFP9240PBF	MOSFET 200V P-CH HEXFET MOSFET	844-IRFP9240PBF		2 Mouser	Vishay	\$ 2.93	\$ 5.86	
DCB1 Board	Sil-Pad TO-247 insulators (4pcs) SP900S-0.009-00-104	Thermal Interface Products High Performance Insulator for Low-Pressure Applications, 0.009 Inch Thickness, Dimensions: 25.4x19.05mm, Sil-Pad TSP 1600S Series / Also Known as Bergquist Sil-Pad 900S Series, IDH 2191242	951-SP900S-009-00104		10 Mouser	Bergquist	\$ 0.61	\$ 6.05	
DCB1 Board	12V regulator chip (1pc) LM7812CT/NOPB	Linear Voltage Regulators 3-Term Pos Regs	926-LM7812CT/NOPB		1 Mouser	Texas Instruments	\$ 1.79	\$ 1.79	
DCB1 Board	Clip-on mini sink (1pc) HSS-B20-CP-01	Heat Sinks 18.79 x 22.86x9.52mm clip	490-HSS-B20-CP-01		1 Mouser	CUI Devices	\$ 0.54	\$ 0.54	
DCB1 Board	Signal area 50ppm Dale 221R (4pcs) CMF60221R00FHEK	Metal Film Resistors - Through Hole 1W 221ohms 1%	71-CMF60221R00FHEK		6 Mouser	Vishay/Dale	\$ 0.63	\$ 3.78	Add 2 for 2nd output
DCB1 Board	Signal area 50ppm Dale 221k (2pcs) CMF60221K00FHEK	Metal Film Resistors - Through Hole 1W 221kohms 1%	71-CMF60221K00FHEK		2 Mouser	Vishay/Dale	\$ 0.55	\$ 1.10	
DCB1 Board	Signal area 50ppm Dale 1M (2pcs) CMF601M0000FHEK	Metal Film Resistors - Through Hole 1W 1Mohms 1%	71-CMF601M0000FHEK		2 Mouser	Vishay/Dale	\$ 0.64	\$ 1.28	
DCB1 Board	PSU area 100ppm Dale 1R (2pcs) CPF11R0000FKEE6	Metal Film Resistors - Through Hole 1watt 1ohms 1%	71-CPF11R0000FKEE6		2 Mouser	Vishay/Dale	\$ 1.06	\$ 2.12	
DCB1 Board	PSU area 100ppm Dale 18R (4pcs) CPF218R000FKB14	Metal Film Resistors - Through Hole 2watts 18ohms 1%	71-CPF2181%T1		4 Mouser	Vishay/Dale	\$ 3.02	\$ 12.08	
DCB1 Board	PSU area 100ppm Dale 47R (2pcs) CCF0747R0GKE36	Metal Film Resistors - Through Hole 1/4watt 47ohms 2% Rated to 1/2watt	71-CCF07-G-47-E3		2 Mouser	Vishay/Dale	\$ 0.18	\$ 0.36	
DCB1 Board	PSU area 100pm Dale 100R (2pcs) CCF07100RGKE36	Metal Film Resistors - Through Hole 1/4watt 100ohms 2% Rated to 1/2watt	71-CCF07100RGKE36		2 Mouser	Vishay/Dale	\$ 0.18	\$ 0.36	
DCB1 Board	PSU area 100ppm Dale 470R (4pcs) CCF07470RGKE36	Metal Film Resistors - Through Hole 1/4watt 470ohms 2% Rated to 1/2watt	71-CCF07470RGKE36		4 Mouser	Vishay/Dale	\$ 0.15	\$ 0.60	
DCB1 Board	Output relay generic 0.25W or 0.5W: 10k (1pc)	Metal Film Resistors - Through Hole 10K ohm 1% 0.4W	756-MFR3-10KFC		1 Mouser	Welwyn Components / TT Electronics	\$ 0.10	\$ 0.10	
DCB1 Board	Output relay generic 0.25W or 0.5W: 47k (1pc)	Metal Film Resistors - Through Hole 47K 1% 100PPM	660-MF1/2DC4702F		1 Mouser	KOA Speer	\$ 0.15	\$ 0.15	
DCB1 Board	Output relay generic 0.25W or 0.5W: 2.2k (1pc)	Metal Film Resistors - Through Hole 2.2K 1% 100PPM	660-MF1/2DC2201F		1 Mouser	KOR Speer	\$ 0.32	\$ 0.32	
Power	Transformer (1pc) 230V or 115V primary 15+15V secondaries 50VA power	AS-0515 - 50VA 15V TRANSFORMER	00000093		1 antekinc.com	Antek	\$ 19.00	\$ 19.00	
Power	Three position screw terminal block 5mm lead spacing (1pc) Molex 39543-0603	Fixed Terminal Blocks 5.0MM EUROBLOCK PC VERT LP BLK 3CKT	538-39543-0603		1 Mouser	Molex	\$ 1.10	\$ 1.10	Backorder, 10/15
Power	Fuse (1pc+spare) time delay primary fuse 1.25A for USA	Littelfuse 1.25A 3AG Slow Blow Fuse 5 Pcs.	071-690		2 Parts Express	Littlefuse	\$ 3.59	\$ 7.18	
Power	Power Switch	SPST Medium Duty Toggle Switch	060-548		1 Parts Express	Parts Express	\$ 1.98	\$ 1.98	
Power	Powwer LED	LED Panel Mount Indicators 5mm Amb LED Dif Lens Mtl Panel Mnt Ind.	749-MPR5AD		1 Mouser	Bivar	\$ 2.51	\$ 2.51	
Other	Input Selector 2 Pole Six Position (1pc) Lorlin CK1025	Rotary Switches ROTARY 2 POLE 6 POS 6.35 X38MM FLAT SHAFT	10WA125		1 Mouser	Lorlin	\$ 8.06	\$ 8.06	

Other	RCA Inputs/Outputs	Parts Express Chassis Mount RCA Jack Pair	091-1120	8	Parts Express	Parts Express	\$	7.37	\$	58.96	
Muses Volume	Boards with Shipping			1	Meldano	Meldano	\$	136.52	\$	136.52	
Muses Volume - Main	Thin Film Resistors - SMD 0805 1/8W 2Kohms	Thin Film Resistors - SMD 0805 1/8W 2Kohms	667-ERA-6AEB202V	5	Mouser	Panasonic	\$	0.36	\$	1.80	
Muses Volume - Main	Aluminium Electrolytic Capacitors - Radial Leaded 1000uF 25volts AEC-Q200	Aluminium Electrolytic Capacitors - Radial Leaded 1000uF 25volts AEC-Q200	667-EEU-FC1E102B	2	Mouser	Panasonic	\$	1.08	\$	2.16	
Muses Volume - Main	Aluminium Electrolytic Capacitors - Radial Leaded 35VDC 220uF 20% L/S=3.5mm	Aluminium Electrolytic Capacitors - Radial Leaded 35VDC 220uF 20% L/S=3.5mm	667-EEU-FR1V221	4	Mouser	Panasonic	\$	0.58	\$	2.32	
Muses Volume - Main	Aluminium Electrolytic Capacitors - Radial Leaded Al Lytic CapLow ESR Radial FM Series	Aluminium Electrolytic Capacitors - Radial Leaded Al Lytic CapLow ESR Radial FM Series	667-EEU-FM1C471LB	1	Mouser	Panasonic	\$	0.60	\$	0.60	
Muses Volume - Main	Multilayer Ceramic Capacitors MLCC - SMD/SMT 100nF 50V X7R 10%	Multilayer Ceramic Capacitors MLCC - SMD/SMT 100nF 50V X7R 10%	603-CC805KRX7R9BB104	9	Mouser	Yageo	\$	0.12	\$	1.08	
Muses Volume - Main	Bridge Rectifiers 1.0 Amp 200 Volt	Bridge Rectifiers 1.0 Amp 200 Volt	625-DF02S-E3	1	Mouser	Vishay	\$	0.72	\$	0.72	
Muses Volume - Main	Diodes - General Purpose, Power, Switching 75V 0.15A SWITCHING DIODE	Diodes - General Purpose, Power, Switching 75V 0.15A SWITCHING DIODE	821-TS4148RYG	5	Mouser	Taiwan Semiconductor	\$	0.34	\$	1.70	
Muses Volume - Main	Schottky Diodes & Rectifiers 1A 60V Schottky	Schottky Diodes & Rectifiers 1A 60V Schottky	583-SR160-B	8	Mouser	Rectron	\$	0.24	\$	1.92	
Muses Volume - Main	LED Lighting Drivers 8bit LED w/I2C	LED Lighting Drivers 8bit LED w/I2C	595-TPIC2810DG4	1	Mouser	Texas Instruments	\$	1.60	\$	1.60	
Muses Volume - Main	Standard LEDs - Through Hole Grn 2mcd 568nm 40 deg Diffused	Standard LEDs - Through Hole Grn 2mcd 568nm 40 deg Diffused	604-WP710A10LGD	5	Mouser	Kingbright	\$	0.36	\$	1.80	
Muses Volume - Main	Linear Voltage Regulators 15V 1.0A Positive	Linear Voltage Regulators 15V 1.0A Positive	511-L7815CV	1	Mouser	STMicroelectronics	\$	0.67	\$	0.67	
Muses Volume - Main	Linear Voltage Regulators 15V 1.5A Negative	Linear Voltage Regulators 15V 1.5A Negative	511-L7915CV	1	Mouser	STMicroelectronics	\$	0.70	\$	0.70	
Muses Volume - Main	LDO Voltage Regulators 5.0V 1A Positive	LDO Voltage Regulators 5.0V 1A Positive	863-NCP1117ST50T3G	1	Mouser	ON Semiconductor	\$	0.68	\$	0.68	Backorder 11/15
Muses Volume - Main	LDO Voltage Regulators 3.3V 1A Positive	LDO Voltage Regulators 3.3V 1A Positive	863-NCP1117ST33T3G	1	Mouser	ON Semiconductor	\$	0.68	\$	0.68	Backorder 11/15
Muses Volume - Main	Low Signal Relays - PCB ThruHole NoLch 2.54 DPDT 4.5DC 100mW	Low Signal Relays - PCB ThruHole NoLch 2.54 DPDT 4.5DC 100mW	653-G6K-2P-DC4.5	5	Mouser	Omron	\$	3.69	\$	18.45	Backorder 9/17
Muses Volume - Main	Fixed Terminal Blocks 5.0MM PCB MOUNT 2P	Fixed Terminal Blocks 5.0MM PCB MOUNT 2P	571-2828362	3	Mouser	TE Connectivity	\$	0.76	\$	2.28	Backorder 11/5
Muses Volume - Main	Headers & Wire Housings 2.54MM HDR VT 2X18P 240/110 SNPB	Headers & Wire Housings 2.54MM HDR VT 2X18P 240/110 SNPB	538-10-89-7361	1	Mouser	Molex	\$	1.97	\$	1.97	
Muses Volume - Main	Headers & Wire Housings 6P FEMALE IDC W/O STRAIN RELIEF	Headers & Wire Housings 6P FEMALE IDC W/O STRAIN RELIEF	617-09-18-506-7803	1	Mouser	HARTING	\$	1.35	\$	1.35	
Muses Volume - Main	Headers & Wire Housings 10 PIN SIL VERTICAL SOCKET GOLD+TIN	Headers & Wire Housings 10 PIN SIL VERTICAL SOCKET GOLD+TIN	855-M20-7821042	3	Mouser	Harwin	\$	1.42	\$	4.26	
Muses Volume - Main	Headers & Wire Housings 3P STRT BRD MNT SKT 1 ROW 10MICRO" AU	Headers & Wire Housings 3P STRT BRD MNT SKT 1 ROW 10MICRO" AU	517-929850-01-03-RA	2	Mouser	3M	\$	1.54	\$	3.08	
Muses Volume - UC	Thick Film Resistors - SMD 1K OHM 1%	Thick Film Resistors - SMD 1K OHM 1%	603-RC0805FR-071KL	1	Mouser	Yageo	\$	0.10	\$	0.10	
Muses Volume - UC	Thick Film Resistors - SMD 2.2K OHM 1%	Thick Film Resistors - SMD 2.2K OHM 1%	603-RC0805FR-072K2L	1	Mouser	Yageo	\$	0.10	\$	0.10	
Muses Volume - UC	Thick Film Resistors - SMD 100 OHM 1%	Thick Film Resistors - SMD 100 OHM 1%	603-RC0805FR-07100RL	1	Mouser	Yageo	\$	0.13	\$	0.13	
Muses Volume - UC	Thick Film Resistors - SMD 100K OHM 1%	Thick Film Resistors - SMD 100K OHM 1%	603-RC0805FR-07100KL	1	Mouser	Yageo	\$	0.10	\$	0.10	
Muses Volume - UC	Thick Film Resistors - SMD 2.7K OHM 1%	Thick Film Resistors - SMD 2.7K OHM 1%	603-RC0805FR-072K7L	2	Mouser	Yageo	\$	0.10	\$	0.20	Backorder 9/27
Muses Volume - UC	Multilayer Ceramic Capacitors MLCC - SMD/SMT 100nF 50V X7R 10%	Multilayer Ceramic Capacitors MLCC - SMD/SMT 100nF 50V X7R 10%	603-CC805KRX7R9BB104	4	Mouser	Yageo	\$	0.12	\$	0.48	Backorder Pending
Muses Volume - UC	Multilayer Ceramic Capacitors MLCC - SMD/SMT 0805 25volts 1.0uF X7R 10% Soft Term	Multilayer Ceramic Capacitors MLCC - SMD/SMT 0805 25volts 1.0uF X7R 10% Soft Term	81-GCJ218R71E105KA2L	1	Mouser	Murata	\$	0.47	\$	0.47	
Muses Volume - UC	Aluminium Electrolytic Capacitors - Radial Leaded 10VDC 100uF 5x11mm LS 5.0mm	Aluminium Electrolytic Capacitors - Radial Leaded 10VDC 100uF 5x11mm LS 5.0mm	667-EEU-FR1A101B	1	Mouser	Panasonic	\$	0.34	\$	0.34	
Muses Volume - UC	Aluminium Electrolytic Capacitors - Radial Leaded 10V 47uF 105C 2k Hour Radial	Aluminium Electrolytic Capacitors - Radial Leaded 10V 47uF 105C 2k Hour Radial	80-ESH476M010AC3AA	1	Mouser	KEMET	\$	0.21	\$	0.21	
Muses Volume - UC	Diodes - General Purpose, Power, Switching 75V 0.15A SWITCHING DIODE	Diodes - General Purpose, Power, Switching 75V 0.15A SWITCHING DIODE	821-TS4148RYG	2	Mouser	Taiwan Semiconductor	\$	0.34	\$	0.68	
Muses Volume - UC	Linear Voltage Regulators 3.3V 0.1A Positive	Linear Voltage Regulators 3.3V 0.1A Positive	511-L78L33ACU	1	Mouser	STMicroelectronics	\$	0.51	\$	0.51	
Muses Volume - UC	Infrared Receivers 4.5-5.5V 38kHz	Infrared Receivers 4.5-5.5V 38kHz	782-TSOP4838	1	Mouser	Vishay	\$	1.21	\$	1.21	
Muses Volume - UC	Headers & Wire Housings ECONOSTIK HEADER SR VT TH 1X36	Headers & Wire Housings ECONOSTIK HEADER SR VT TH 1X36	649-1012937893602BLF	1	Mouser	FCI / Amphenol	\$	0.76	\$	0.76	
Muses Volume - UC	Headers & Wire Housings ECONOSTIK HEADER SR RA TH 1X36	Headers & Wire Housings ECONOSTIK HEADER SR RA TH 1X36	649-1012937993601BLF	1	Mouser	FCI / Amphenol	\$	0.74	\$	0.74	
Muses Volume - UC	Headers & Wire Housings .100 STR 02 PIN .235-.145	Headers & Wire Housings .100 STR 02 PIN .235-.145	517-929665-09-02-I	1	Mouser	3M	\$	0.82	\$	0.82	
Muses Volume - Vol	Thick Film Resistors - SMD 47 OHM 1%	Thick Film Resistors - SMD 47 OHM 1%	603-RC0805FR-0747RL	2	Mouser	Yageo	\$	0.10	\$	0.20	Backorder 9/7
Muses Volume - Vol	Thick Film Resistors - SMD 10K OHM 1%	Thick Film Resistors - SMD 10K OHM 1%	603-RC0805FR-0710KL	2	Mouser	Yageo	\$	0.10	\$	0.20	
Muses Volume - Vol	Thick Film Resistors - SMD 100 OHM 1%	Thick Film Resistors - SMD 100 OHM 1%	603-RC0805FR-07100RL	4	Mouser	Yageo	\$	0.13	\$	0.52	
Muses Volume - Vol	Metal Film Resistors - Through Hole 1/8watt 100ohms 1% 100ppm	Metal Film Resistors - Through Hole 1/8watt 100ohms 1% 100ppm	71-RN55D-F-100	2	Mouser	Vishay	\$	0.53	\$	1.06	
Muses Volume - Vol	Aluminium Electrolytic Capacitors - Radial Leaded 35VDC 220uF 20% L/S=3.5mm	Aluminium Electrolytic Capacitors - Radial Leaded 35VDC 220uF 20% L/S=3.5mm	667-EEU-FR1V221	2	Mouser	Panasonic	\$	0.58	\$	1.16	

