

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+spare) Kingbright WP113IDT	Standard LEDs - Through Hole Red 625nm Diffused 5mcd	604-WP113IDT		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	LINEAR SYSTEMS LSK170B-TO-92	Unmatched JFETS		6	NAC Semi	Linear Systems	\$ 3.74	\$ 22.44
DCB1 Board	MOFSETS (2pcs) IRFP240PBF	MOSFET 200V N-CH HEXFET	844-IRFP240PBF		2	Mouser	Vishay	\$ 2.68	\$ 5.36
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-MPRSAD	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	