

Quantity	Component			Part Number	Notes
In order of assembly, low-profile components first					
1	BFA-555 MK1 "Early rack-mount Circuit Board				
1	RCA Jack Adapter plate				
1	Pair RCA Jacks				
2	Black M3 screws				
2	M3 locknuts				
4	R101, R201, R105, R205	Resistor, Metal Film, 0.1% 1K	Vishay/Dale	RN55E1001BB14	0.1% precision resistors on the input stage so that gain is precisely matched between channels.
5	R102, R202, R106, R206, R223	Resistor, Metal Film, 0.1% 22K1	Vishay/Dale	RN55C2212BRE6 or YR1B22K1CC	0.1% precision resistors on the input stage so that gain is precisely matched between channels.
4	R103, R203, R108, R208	Resistor, Metal Film, 1% 33R2	Vishay/Dale	RN55D33R2FB14	
4	R117, R118, R217, R218	Resistor, Metal Film, 1% 68R1	Vishay/Dale	RN55D68R1FRE6	Original value is 68.2R which is not available.
2	R121, R221	Resistor, Metal Film, 1% 100R	Vishay/Dale	RN55D1000FRE6	
2	R116, R216	Resistor, Metal Film, 1% 130R	Vishay/Dale	RN55D1300FB14	
2	R114, R214	Resistor, Metal Film, 1% 332R	Vishay/Dale	RN55D3320FRE6	
4	R109, R209, R115, R215	Resistor, Metal Film, 1% 475R	Vishay/Dale	RN55D4750FRE6	
2	R111, R211	Resistor, Metal Film, 1% 681R	Vishay/Dale	RN55D6810FRE6	Original value is 682R which is not available.
2	R107, R207	Resistor, Metal Film, 1% 825R	Vishay/Dale	RN55D8250FB14	
2	R124, R224	Resistor, Metal Film, 1% 1K	Vishay/Dale	RN55D1001FRE6	
2	R112, R212	Resistor, Metal Film, 1% 2K74	Vishay/Dale	RN55D2741FB14	
4	R119, R120, R219, R220	Resistor, Metal Film, 1% 4K75	Vishay/Dale	RN55D4751FRE6	
2	R113, R213	Resistor, Metal Film, 1% 22K1	Vishay/Dale	CMF5522K100FHEB	
2	R110, R210	Resistor, Metal Film, 1% 47K5	Vishay/Dale	RN55D4752FB14	
2	R122, R222	Resistor, Metal Oxide 5R1	KOA Speer	MOSX3CT521R5R1J	
8	D103, D104, D105, D106, D203, D204, D205, D206	1N4148	Vishay/Dale	1N4148	
2	P101, P201	Trim Potentiometer	Bourns	3362P-1-202LF	
2 Pair	Q101, Q102, Q201, Q202	TO-92 Transistor	On Semi	KSC1845FTA	Matched Pairs
2		Copper foil tape, approx 2"			
1		Shrink tube, Clear, 1/4" x 2"			
4	Q110, Q210, Q103, Q203	TO-92 Transistor	On Semi	KSC1845FTA	Unmatched for non-current-mirror functions
6	Q108, Q208, Q105, Q205, Q109, Q209	TO-92 Transistor	On Semi	KSA992FBU	
4	Q107, Q207, Q106, Q206	TO-126 Transistor	On Semi	KSA1381ESTU	
2	Q104, Q204	TO-126 Transistor	On Semi	KSC3503DS	
4		TO-126 Heatsinks	Assmann (Yes, really)	V7237B Alternate ATS ATS-PCB1071 or AAvid 577102B04000G	For Q104, Q107, Q204 and Q207. No heatsink needed on Q106 and Q206
4	M3x10mm Flanged Button Head Screws			<a href="https://www.mcmaster.com/97654A676/">https://www.mcmaster.com/97654A676/</a>	Flange Head side of bolt fits against transistor
4	M3 Nylon-Insert Locknuts			<a href="https://www.mcmaster.com/90576a102/">https://www.mcmaster.com/90576a102/</a>	
2	C102, C202	Mica Capacitor 20pF	Cornell Dubilier	CD15ED200JO3	
2	C104, C204	Mica Capacitor 39pF	Cornell Dubilier	CD15ED390JO3	
2	C101, C201	Mica Capacitor 300pF	Cornell Dubilier	CDV16FF301JO3F	
2	C107, C207	Polypropylene Capacitor 1uF	Panasonic	ECW-FE2W105K	
2	C105, C205	Polyester Capacitor 4.7uF	WIMA	MKS2B044701K00KSC9	Original cap is electrolytic. Wima MKS2 is an ordinary polyester cap, but of a usable compact size, and far superior to any electrolytic.
6	C151, C251, C152, C252, C106, C206	Polypropylene Capacitor 0.1uF	Kemet	R71MF31004030K	
2	C103, C203	Electrolytic Capacitor 47uF	Nichicon	UKZ2A470MHM	Audio type for feedback to ground. Some people have their own preference, such as Elna Silmic II.
4	C153, C154, C253, C254	Electrolytic Capacitor 47uF	Panasonic	EEU-EE2C470	Power supply bypass
1	S1	Toggle Switch	NKK	MN22S2A2G40 or Digikey 360-MN22S2A2G40-ND	
2					Needed because I relocated the -V supply connections inboard, close to the bypass capacitors. This was a necessary compromise in the board layout to avoid running sensitive signal traces near power supply lines.
	-V supply wire	2 pieces, 6 inches, 20ga, brown			
4	C615, C616, C617, C618	68pF NP0 miller caps	Vishay	561R10TCCQ68	Replace original 22pF
or 4		68pF polypropylene miller caps	WIMA	FKP	