

Part	Board	Type	Capacitance	Voltage	Existing	Space?	Replacement	Notes
C25	Analog 1	Electrolytic Capacitor	1000uF	16v	Elna		Nichicon KZ 1000uF 25v	
C26	Analog 1	Electrolytic Capacitor	1000uF	16v	Elna		Nichicon KZ 1000uF 25v	
C27	Analog 1	Electrolytic Capacitor	1000uF	16v	Elna		Nichicon KZ 1000uF 25v	
C28	Analog 1	Electrolytic Capacitor	1000uF	16v	Elna		Nichicon KZ 1000uF 25v	
C5	Analog 1	Electrolytic Capacitor	1000uF	16v	Elna		Nichicon KZ 1000uF 25v	
C6	Analog 1	Electrolytic Capacitor	1000uF	16v	Elna		Nichicon KZ 1000uF 25v	
C7	Analog 1	Electrolytic Capacitor	1000uF	16v	Elna		Nichicon KZ 1000uF 25v	
C8	Analog 1	Electrolytic Capacitor	1000uF	16v	Elna		Nichicon KZ 1000uF 25v	
C139	Analog 1	Electrolytic Capacitor	100uF	6.3v	Elna		Nichicon KZ 100uF 25v	
C163	Analog 1	Electrolytic Capacitor	10uF	25v	Nichicon Muse		Nichicon FG 10uF 50v	
C164	Analog 1	Electrolytic Capacitor	10uF	25v	Nichicon Muse		Nichicon FG 10uF 50v	
C165	Analog 1	Electrolytic Capacitor	10uF	25v	Nichicon Muse		Nichicon FG 10uF 50v	
C166	Analog 1	Electrolytic Capacitor	10uF	25v	Nichicon Muse		Nichicon FG 10uF 50v	
C173	Analog 1	Electrolytic Capacitor	10uF	25v	???		Nichicon FG 10uF 50v	
C60	Analog 1	Electrolytic Capacitor	10uF	25v	Elna Dourex		Nichicon FG 10uF 50v	
C61	Analog 1	Electrolytic Capacitor	10uF	25v	Elna Dourex		Nichicon FG 10uF 50v	
C64	Analog 1	Electrolytic Capacitor	10uF	25v	Elna Dourex		Nichicon FG 10uF 50v	
C65	Analog 1	Electrolytic Capacitor	10uF	25v	Elna Dourex		Nichicon FG 10uF 50v	
C150	Analog 1	Electrolytic Capacitor	10uF	25v	Elna		Wima MKS 3.3uF 50v	DC blocking from input stage to next stage (vol. ctrl, line amp, tone control, etc.)
C151	Analog 1	Electrolytic Capacitor	10uF	25v	Elna		Wima MKS 3.3uF 50v	DC blocking from input stage to next stage (vol. ctrl, line amp, tone control, etc.)
C111	Analog 1	Electrolytic Capacitor	10uF	50v	Elna		Nichicon ES 10uF 35v	DC blocking on rec out, even though original part called for 50v, 35v should be fine for this application (it's what I had on hand)
C112	Analog 1	Electrolytic Capacitor	10uF	50v	Elna		Nichicon ES 10uF 35v	DC blocking on rec out, even though original part called for 50v, 35v should be fine for this application (it's what I had on hand)
C119	Analog 1	Electrolytic Capacitor	10uF	50v	Elna		Nichicon ES 10uF 35v	DC blocking on rec out, even though original part called for 50v, 35v should be fine for this application (it's what I had on hand)
C120	Analog 1	Electrolytic Capacitor	10uF	50v	Elna		Nichicon ES 10uF 35v	DC blocking on rec out, even though original part called for 50v, 35v should be fine for this application (it's what I had on hand)
C79	Analog 1	Electrolytic Capacitor	10uF	50v	Elna		Nichicon ES 10uF 35v	DC blocking on rec out, even though original part called for 50v, 35v should be fine for this application (it's what I had on hand)
C80	Analog 1	Electrolytic Capacitor	10uF	50v	Elna		Nichicon ES 10uF 35v	DC blocking on rec out, even though original part called for 50v, 35v should be fine for this application (it's what I had on hand)
C87	Analog 1	Electrolytic Capacitor	10uF	50v	Elna		Nichicon ES 10uF 35v	DC blocking on rec out, even though original part called for 50v, 35v should be fine for this application (it's what I had on hand)
C88	Analog 1	Electrolytic Capacitor	10uF	50v	Elna		Nichicon ES 10uF 35v	DC blocking on rec out, even though original part called for 50v, 35v should be fine for this application (it's what I had on hand)
C95	Analog 1	Electrolytic Capacitor	10uF	50v	Elna		Nichicon ES 10uF 35v	DC blocking on rec out, even though original part called for 50v, 35v should be fine for this application (it's what I had on hand)
C96	Analog 1	Electrolytic Capacitor	10uF	50v	Elna		Nichicon ES 10uF 35v	DC blocking on rec out, even though original part called for 50v, 35v should be fine for this application (it's what I had on hand)
C175	Analog 1	Electrolytic Capacitor	10uF	50v	Elna		Wima MKS 3.3uF 50v	DC blocking on pre out, in series with Dale 47R
C176	Analog 1	Electrolytic Capacitor	10uF	50v	Elna		Wima MKS 3.3uF 50v	DC blocking on pre out, in series with Dale 47R
C38	Analog 1	Electrolytic Capacitor	1uF	50v	Elna		Nichicon PX 1uF 35v	Original part was 50v, but I checked the schematic and measured and felt that 35v would be satisfactory (it's what I had on hand!)
C39	Analog 1	Electrolytic Capacitor	1uF	50v	Elna		Nichicon PX 1uF 35v	Original part was 50v, but I checked the schematic and measured and felt that 35v would be satisfactory (it's what I had on hand!)
C52	Analog 1	Electrolytic Capacitor	1uF	50v	???		Nichicon PX 1uF 35v	Original part was 50v, but I checked the schematic and measured and felt that 35v would be satisfactory (it's what I had on hand!)
C53	Analog 1	Electrolytic Capacitor	1uF	50v	???		Nichicon PX 1uF 35v	Original part was 50v, but I checked the schematic and measured and felt that 35v would be satisfactory (it's what I had on hand!)
C100	Analog 1	Electrolytic Capacitor	1uF	50v	Elna		WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesirable
C103	Analog 1	Electrolytic Capacitor	1uF	50v	Elna		WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesirable
C104	Analog 1	Electrolytic Capacitor	1uF	50v	Elna		WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesirable
C107	Analog 1	Electrolytic Capacitor	1uF	50v	Elna		WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesirable
C108	Analog 1	Electrolytic Capacitor	1uF	50v	Elna		WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesirable
C115	Analog 1	Electrolytic Capacitor	1uF	50v	Elna		WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesirable
C116	Analog 1	Electrolytic Capacitor	1uF	50v	Elna		WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesirable
C67	Analog 1	Electrolytic Capacitor	1uF	50v	Elna		WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesirable
C68	Analog 1	Electrolytic Capacitor	1uF	50v	Elna		WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesirable
C71	Analog 1	Electrolytic Capacitor	1uF	50v	Elna		WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesirable
C72	Analog 1	Electrolytic Capacitor	1uF	50v	Elna		WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesirable
C75	Analog 1	Electrolytic Capacitor	1uF	50v	Elna		WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesirable
C76	Analog 1	Electrolytic Capacitor	1uF	50v	Elna		WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesirable
C83	Analog 1	Electrolytic Capacitor	1uF	50v	Elna		WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesirable

C84	Analog 1	Electrolytic Capacitor	1uF	50v	Elna	WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesireable
C91	Analog 1	Electrolytic Capacitor	1uF	50v	Elna	WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesireable
C92	Analog 1	Electrolytic Capacitor	1uF	50v	Elna	WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesireable
C99	Analog 1	Electrolytic Capacitor	1uF	50v	Elna	WIMA MKS 1uF 63v Film	DC blocking on input, electrolytic capacitory undesireable
C167	Analog 1	Electrolytic Capacitor	2200uF	25v	Elna	Nichicon FG 2200uF 25v	
C170	Analog 1	Electrolytic Capacitor	2200uF	25v	Elna	Nichicon FG 2200uF 25v	
C13	Analog 1	Electrolytic Capacitor	22uF	25v NP	Elna	Nichicon ES 22uF 25v	
C14	Analog 1	Electrolytic Capacitor	22uF	25v NP	Elna	Nichicon ES 22uF 25v	
C15	Analog 1	Electrolytic Capacitor	22uF	25v NP	Elna	Nichicon ES 22uF 25v	
C16	Analog 1	Electrolytic Capacitor	22uF	25v NP	Elna	Nichicon ES 22uF 25v	
C31	Analog 1	Electrolytic Capacitor	3.3uF	50v	???	Nichicon FG 3.3uF 50v	
C50	Analog 1	Electrolytic Capacitor	47uF	16v	Rubycon	Nichicon KZ 47uF 25v	
C51	Analog 1	Electrolytic Capacitor	47uF	16v	Rubycon	Nichicon KZ 47uF 25v	
C137	Analog 1	Electrolytic Capacitor	47uF	25v	Elna	Nichicon KZ 47uF 25v	
C138	Analog 1	Electrolytic Capacitor	47uF	25v	Elna	Nichicon KZ 47uF 25v	
C140	Analog 1	Electrolytic Capacitor	47uF	25v	Elna	Nichicon KZ 47uF 25v	
C141	Analog 1	Electrolytic Capacitor	47uF	25v	Elna	Nichicon KZ 47uF 25v	
C142	Analog 1	Electrolytic Capacitor	47uF	25v	Elna	Nichicon KZ 47uF 25v	
C143	Analog 1	Electrolytic Capacitor	47uF	25v	Elna	Nichicon KZ 47uF 25v	
C144	Analog 1	Electrolytic Capacitor	47uF	25v	Elna	Nichicon KZ 47uF 25v	
C145	Analog 1	Electrolytic Capacitor	47uF	25v	Elna	Nichicon KZ 47uF 25v	
C24	Analog 1	Electrolytic Capacitor	6200uF	35v	Elna Dourex	Nichicon KG 6800uF 50v	
C34	Analog 1	Electrolytic Capacitor	6200uF	35v	Elna Dourex	Nichicon KG 6800uF 50v	
C35	Analog 1	Electrolytic Capacitor	6200uF	35v	Elna Dourex	Nichicon KG 6800uF 50v	
C37	Analog 1	Electrolytic Capacitor	6200uF	35v	Elna Dourex	Nichicon KG 6800uF 50v	
IC19	Analog 1	OpAmp			NJM2068	OPA2134	Install DIP8 mount, so original opamp can be easily inserted
IC20	Analog 1	OpAmp			NJM2068	OPA2135	Install DIP8 mount, so original opamp can be easily inserted
IC21	Analog 1	OpAmp			NJM2068	OPA2136	Install DIP8 mount, so original opamp can be easily inserted
IC22	Analog 1	OpAmp			NJM2068	OPA2137	Install DIP8 mount, so original opamp can be easily inserted
IC23	Analog 1	OpAmp			NJM2068	OPA2138	Install DIP8 mount, so original opamp can be easily inserted
IC24	Analog 1	OpAmp			NJM2068	OPA2139	Install DIP8 mount, so original opamp can be easily inserted
IC25	Analog 1	OpAmp			NJM2068	OPA2140	Install DIP8 mount, so original opamp can be easily inserted
IC26	Analog 1	OpAmp			NJM2068	OPA2141	Install DIP8 mount, so original opamp can be easily inserted
IC27	Analog 1	OpAmp			NJM2068	OPA2142	Install DIP8 mount, so original opamp can be easily inserted
R279	Analog 1	Resistor	47R			Dale 47R	
R280	Analog 1	Resistor	47R			Dale 47R	
R393	Analog 1	Resistor	47R			Dale 47R	
R394	Analog 1	Resistor	47R			Dale 47R	
C315	Analog 2	Electrolytic Capacitor	10uF	25v	Elna Dourex	Nichicon FG 10uF 50v	
C316	Analog 2	Electrolytic Capacitor	10uF	25v	Elna Dourex	Nichicon FG 10uF 50v	
C317	Analog 2	Electrolytic Capacitor	10uF	25v	Elna Dourex	Nichicon FG 10uF 50v	
C318	Analog 2	Electrolytic Capacitor	10uF	25v	Elna Dourex	Nichicon FG 10uF 50v	
C331	Analog 2	Electrolytic Capacitor	10uF	25v	Elna Dourex	Nichicon FG 10uF 50v	
C332	Analog 2	Electrolytic Capacitor	10uF	25v	Elna Dourex	Nichicon FG 10uF 50v	
C307	Analog 2	Electrolytic Capacitor	22uF	25v NP	Elna	Nichicon ES 22uF 25v	
C308	Analog 2	Electrolytic Capacitor	22uF	25v NP	Elna	Nichicon ES 22uF 25v	
C311	Analog 2	Electrolytic Capacitor	470uF	25v	Elna Dourex	Y Nichicon KZ 470uF 25v	
C312	Analog 2	Electrolytic Capacitor	470uF	25v	Elna Dourex	Y Nichicon KZ 470uF 25v	
C313	Analog 2	Electrolytic Capacitor	470uF	25v	Elna Dourex	Y Nichicon KZ 470uF 25v	
C314	Analog 2	Electrolytic Capacitor	470uF	25v	Elna Dourex	Y Nichicon KZ 470uF 25v	
C430	Digital 1	Electrolytic Capacitor	100uF	10v	Elna	Nichicon KZ 100uF 25v	

C438	Digital 1	Electrolytic Capacitor	100uF	10v	Elna		Nichicon KZ 100uF 25v	
C446	Digital 1	Electrolytic Capacitor	100uF	10v	Elna		Nichicon KZ 100uF 25v	
C456	Digital 1	Electrolytic Capacitor	100uF	10v	Elna		Nichicon KZ 100uF 25v	
C465	Digital 1	Electrolytic Capacitor	100uF	10v	Elna		Nichicon KZ 100uF 25v	
C469	Digital 1	Electrolytic Capacitor	100uF	10v	Elna		Nichicon KZ 100uF 25v	
C471	Digital 1	Electrolytic Capacitor	100uF	10v	Elna		Nichicon KZ 100uF 25v	
C473	Digital 1	Electrolytic Capacitor	100uF	10v	Elna		Nichicon KZ 100uF 25v	
C463	Digital 1	Electrolytic Capacitor	100uF	16v	Elna		Nichicon KZ 100uF 25v	
C467	Digital 1	Electrolytic Capacitor	1uF	50v	???		Nichicon PM 1uF 50v	Nichicon PM was what I had on hand for this value
C401	Digital 1	Electrolytic Capacitor	22uF	25v	Elna		Nichicon KZ 22uF 50v	
C404	Digital 1	Electrolytic Capacitor	22uF	25v	Elna		Nichicon KZ 22uF 50v	
C408	Digital 1	Electrolytic Capacitor	22uF	25v	Elna		Nichicon KZ 22uF 50v	
C413	Digital 1	Electrolytic Capacitor	22uF	25v	Elna		Nichicon KZ 22uF 50v	
C416	Digital 1	Electrolytic Capacitor	22uF	25v	Elna		Nichicon KZ 22uF 50v	
C421	Digital 1	Electrolytic Capacitor	22uF	25v	Elna		Nichicon KZ 22uF 50v	
C440	Digital 1	Electrolytic Capacitor	22uF	25v	Elna		Nichicon KZ 22uF 50v	
C441	Digital 1	Electrolytic Capacitor	22uF	25v	Elna		Nichicon KZ 22uF 50v	
C442	Digital 1	Electrolytic Capacitor	22uF	25v	Elna		Nichicon KZ 22uF 50v	
C444	Digital 1	Electrolytic Capacitor	22uF	25v	Elna		Nichicon KZ 22uF 50v	
C476	Digital 1	Electrolytic Capacitor	330uF	16v	Elna		Nichicon FG 330uF 16v	
C477	Digital 1	Electrolytic Capacitor	330uF	16v	Elna		Nichicon FG 330uF 16v	
C478	Digital 1	Electrolytic Capacitor	6800uF	16v	Elna Dourex	Y	Nichicon KW 6800uF 16v	
C495	Digital 2	Electrolytic Capacitor	1000uF	25v	Rubycon	Y	Nichicon KZ 1000uF 25v	
C488	Digital 2	Electrolytic Capacitor	10uF	16v	???		Nichicon FG 10uF 50v	
C492	Digital 2	Electrolytic Capacitor	10uF	16v	???		Nichicon FG 10uF 50v	
C489	Digital 2	Electrolytic Capacitor	33uF	16v	???		Nichicon FG 33uF 16v	
C486	Digital 2	Electrolytic Capacitor	4.7mF	5.5v	Elna Dourex	Y	Nichicon KL 4700uF 6.3v	
C835	Equalizer 1	Electrolytic Capacitor	1000uF	25v	Elna Dourex	Y	Nichicon KZ 1000uF 25v	
C836	Equalizer 1	Electrolytic Capacitor	1000uF	25v	Elna Dourex	Y	Nichicon KZ 1000uF 25v	
C809	Equalizer 1	Electrolytic Capacitor	1000uF	6.3v	Nichicon Muse	Y	Nichicon FG 1000uF 10v	KZ lowest is 25v and too big for board
C810	Equalizer 1	Electrolytic Capacitor	1000uF	6.3v	Nichicon Muse	Y	Nichicon FG 1000uF 10v	KZ lowest is 25v and too big for board
C811	Equalizer 1	Electrolytic Capacitor	1000uF	6.3v	Nichicon Muse	Y	Nichicon FG 1000uF 10v	KZ lowest is 25v and too big for board
C812	Equalizer 1	Electrolytic Capacitor	1000uF	6.3v	Nichicon Muse	Y	Nichicon FG 1000uF 10v	KZ lowest is 25v and too big for board
C829	Equalizer 1	Electrolytic Capacitor	1000uF	6.3v	Nichicon Muse	Y	Nichicon FG 1000uF 10v	KZ lowest is 25v and too big for board
C830	Equalizer 1	Electrolytic Capacitor	1000uF	6.3v	Nichicon Muse	Y	Nichicon FG 1000uF 10v	KZ lowest is 25v and too big for board
C807	Equalizer 1	Electrolytic Capacitor	100uF	10v	Elna Dourex		Nichicon KZ 100uF 25v	
C808	Equalizer 1	Electrolytic Capacitor	100uF	10v	Elna Dourex		Nichicon KZ 100uF 25v	
C819	Equalizer 1	Electrolytic Capacitor	100uF	25v	???		Nichicon KZ 100uF 25v	
C820	Equalizer 1	Electrolytic Capacitor	100uF	25v	???		Nichicon KZ 100uF 25v	
C821	Equalizer 1	Electrolytic Capacitor	100uF	25v	???		Nichicon KZ 100uF 25v	
C822	Equalizer 1	Electrolytic Capacitor	100uF	25v	???		Nichicon KZ 100uF 25v	
C815	Equalizer 1	Electrolytic Capacitor	10uF	25v			Nichicon FG 10uF 50v	
C816	Equalizer 1	Electrolytic Capacitor	10uF	25v			Nichicon FG 10uF 50v	
C841	Equalizer 1	Electrolytic Capacitor	10uF	25v			Nichicon FG 10uF 50v	
C842	Equalizer 1	Electrolytic Capacitor	10uF	25v			Nichicon FG 10uF 50v	
C903	Equalizer 2	Electrolytic Capacitor	10uF	25v			Nichicon FG 10uF 50v	
C902	Equalizer 2	Electrolytic Capacitor	470uF	25v	Rubycon		Nichicon KZ 470uF 25v	
C721	Equalizer 3	Electrolytic Capacitor	0.33uF	50v			Nichicon FG 0.33uF 50v	
C722	Equalizer 3	Electrolytic Capacitor	0.33uF	50v			Nichicon FG 0.33uF 50v	
C717	Equalizer 3	Electrolytic Capacitor	0.47uF	50v			Nichicon FG 0.47uF 100v	
C718	Equalizer 3	Electrolytic Capacitor	0.47uF	50v			Nichicon FG 0.47uF 100v	

C739	Equalizer 3	Electrolytic Capacitor	1000uF	25v	Elna Dourex	Nichicon KZ 1000uF 25v	
C740	Equalizer 3	Electrolytic Capacitor	1000uF	25v	Elna Dourex	Nichicon KZ 1000uF 25v	
C733	Equalizer 3	Electrolytic Capacitor	10uF	25v		Nichicon FG 10uF 50v	
C734	Equalizer 3	Electrolytic Capacitor	10uF	25v		Nichicon FG 10uF 50v	
C735	Equalizer 3	Electrolytic Capacitor	10uF	25v		Nichicon FG 10uF 50v	
C736	Equalizer 3	Electrolytic Capacitor	10uF	25v		Nichicon FG 10uF 50v	
C737	Equalizer 3	Electrolytic Capacitor	10uF	25v		Nichicon FG 10uF 50v	
C738	Equalizer 3	Electrolytic Capacitor	10uF	25v		Nichicon FG 10uF 50v	
C745	Equalizer 3	Electrolytic Capacitor	10uF	25v		Nichicon FG 10uF 50v	
C746	Equalizer 3	Electrolytic Capacitor	10uF	25v		Nichicon FG 10uF 50v	
C727	Equalizer 3	Electrolytic Capacitor	1uF	50v		WIMA MKS 1uF 63v Film	DC blocking
C728	Equalizer 3	Electrolytic Capacitor	1uF	50v		WIMA MKS 1uF 63v Film	DC blocking
C705	Equalizer 3	Electrolytic Capacitor	2.2uF	50v		Nichicon FG 2.2uF 50v	
C706	Equalizer 3	Electrolytic Capacitor	2.2uF	50v		Nichicon FG 2.2uF 50v	
C713	Equalizer 3	Electrolytic Capacitor	220uF	25v	Rubycon	Nichicon KZ 220uF 25v	
C714	Equalizer 3	Electrolytic Capacitor	220uF	25v	Rubycon	Nichicon KZ 220uF 25v	
C723	Equalizer 3	Electrolytic Capacitor	3.3uF	50v		Nichicon FG 3.3uF 50v	
C724	Equalizer 3	Electrolytic Capacitor	3.3uF	50v		Nichicon FG 3.3uF 50v	
C709	Equalizer 3	Electrolytic Capacitor	4.7uF	25v		Nichicon FG 4.7uF 50v	
C710	Equalizer 3	Electrolytic Capacitor	4.7uF	25v		Nichicon FG 4.7uF 50v	