

			Value		LS	Manuf.	Other	Alternate	
R1	660-MF1/4DCT52R2703F	2	270k			KOA Speer	100ppm	71-RN60D2703F	2
R2,R6,R11	660-MF1/4DCT52R1001F	6	1k	100ppm		KOA Speer	100ppm	71-RN60D1001F/R	4
R3	660-MF1/4DCT52R3302F	2	33k				100ppm		
R4	660-MF1/4DCT52R1002F	2	10k				100ppm		
R5,13	660-MF1/4DCT52R1000F	4					100ppm		
R7,R10	660-MF1/4DCT52R47R0F	4	47				100ppm		
R8	660-MF1/4DCT52R1201f	2	1.2k				100ppm		
R9,R14	660-MF1/4DCT52R3300F	4	330				100ppm		
R12	71-CPF1-F-2K	2	2.2k	1w		Vish/Dale	100ppm		
R17,R18	588-25JR15E	4	0R1	5w		50ppm	50ppm		
R19	71-CPF110R000FKE14	2	10	1w			100ppm		
R20,21	660-MF1/4DCT52R10R0F	4	10				100ppm		
R22,23,24,25	66-LR2512-LF-R150-F	8	0R15	2w	2512	IRC	1% 100ppm		
Rz	594-5073NW10R00J	2	10R	1W					
P1,3	81-PV36W201C01B00	4	200r	1/2w			25 turn		
P2	81-PV36W202C01B00	2	2k0	1/2w			25 turn		
C2	598-CD15FD221GO3F	2	220pf	300v			mica		
C3	667-EEU-FR1H220	2	22uf	50v	2mm	panasonic			
C4	5982-15-500V15	2	15pf	300v			mica		
C5	5982-15-500V47	2	47pf	300v		optional	mica	for difficult loads	
C6	5982-15-500V22	2	22pf	300v		optional	mica	for difficult loads	
C7	667-EEU-FM1V471	2	470uf	35v	5mm	panasonic			
C8	647-UKW1E471MPD	2	470uf	25v	5mm	nichicon		audio grade	
C9	667-EEU-FM1H220	2	22uf	16v	2mm	panasonic			
C10	871-B32620A5104J	2	100nf	160v		epcos		polypropolyne	
C11/C12	667-EEU-FM1H221	4	220uf	50v	5mm	panasonic			
C13/C14	667-ECW-F2155JB	4	1.5uf	63v	5mm	panasonic		notes for C15-18 -> UCC KMH 20	
C15,16,17,18	667-ECO-S1HP472DA	8	4700uf	50V	10mm	panasonic		panasonic Ripple 3.03A ESR 71.	
	647-LKG1H472MESBBK					nichicon		audio grade	
	667-ECO-S1HA472DA					panasonic		Panasonic Ripple 2.5A ESR 53.0	

D1A/B/C	625-BYQ28E-200-E3	2	BYQ28E	
D2A/B/C	625-BYQ28E-200-E3	2	BYQ28E	
Z1	78-1N5230B	2	4v7 zener	DO-35
D1,2,7,8	625-1N4004-E3/54	8	1N4004	
D4,5,6	78-1N4148-TAP	6	1N4148	
LED Red	78-TLUR4400	2	2.54mm	pin spacing
LED Green	78-TLHG4400	2	bend leads	to fit?
Spade	534-1287	14	1/4" spade	PCB mount
Disconnect	159-2251	14	22/16	wire size
test point term	6800-106HLF	2	6 pins per strip	

## Alternate 2

Vishay Dale

Vishay Dale

271-1k-RC

4 xicon

100hr 105deg Ripple 2.25A, ESR 71.0mOhm, Tan 0.20, DC ripple 120Hz 1.0, 100khz 1.08  
.0mOhm

mOhm