

Aleph J - 1 channel - Nelson Aleph J - 11/05/07				BOM V1.1
Part	Qty	Value	Infos	Mouser
R1 - R3	2	22.1K - 1% - 0.6W	Feedback Resistor	71-CMF5521K500FKEK
R2 - R4	2	221K - 1% - 0.6W	Feedback Resistor	71-CMF55221K00FHEK
R5	1	4K75 - 1% - 0.6W		71-CMF554K7500FHEK
R6	1	68K - 1% - 0.6W	RLed - Adjust value to your Led specs - 68K2 here	71-CMF5568K100FHEK
R7 - R8 - R15	3	1K - 1% - 0.6W		71-CMF551K0000FHEK
R9 to 13	5	221R - 1% - 0.6W		71-CMF55221R00FHEK
R14	1	392R - 1% - 0.6W		71-CMF55392R00FHEK
R16 to R23	8	0R47 - 5% - 3W		72-RWM410-R47-5
R24	1	1K2 -1% - 0.6W	1K21 Vishay Dale CMF55 vs 1K2	71-CMF551K2100FHEK
R25	1	1K5 -1% - 0.6W		71-CMF551K5000FHEK
R26	1	3K32 -1% - 0.6W		71-CMF553K3200FHEK
R27	1	68K2 -1% - 0.6W	68K1 Vishay Dale CMF55 vs 68K2	71-CMF5568K100FHEK
C1 (C4 typo)	1	1µF/35v	Film Foil Cap - Near Jfets - 5mm	505-MKS21.0/63/10
C2 - C3	2	220µF/35v	Electrolytic - 7.5mm	667-EEU-FC1V221
C4	1	10µF/35v	Electrolytic - Near Zetex - 2mm	667-EEU-FC1H100
C5	1	5pF/35v	Ceramic Disc - 2.5mm	75-10TCCV50RE
Q1	1	2SJ109-BL	Lucky you to get one genuine for less than \$10 ;)	?
Q1 Alternative	2	2SJ74-BL	Idss Matched (2 x 2SJ74-BL = 1 x 2SJ109-BL)	DIYAudio Forum
Q2	1	ZTX550 (BC560)	Zetex or similar - PNP	522-ZTX550
Q3 - Q4	2	ZTX450 (BC550)	Zetex or similar - NPN	522-ZTX450
Q5-Q6-Q7-Q8	4	IRFP240N	N - Best Matched better than 0.1V for Vgs	
Z1	1	1N4739A	Zener 9.1v	78-1N4739A
L1	1	Led - Your taste	Power On Led - Adjust RLed value to your Led specs	

For Peter DANIEL boards, resistors size :

- CMF50 : fit Horizontaly
- CMF55 : fit Vertically
- Mouser CMF55 refs are shown in this BOM
- For CMF50, replace 71-CMF55xxx using 71-CMF50xxx. Check availability