

PSU - Nelson PASS FirstWatt PS0 R1			
Part	Qty	Value	Infos
Transfo	1	330VA - 2x18VAC	SE-RKT 330 - 2x18 - 9.16A
Bridge Rectifier	2	35A - 200V	TO-220/247 - Faston MB508
R1 to R8	4	0.47R - 3W	0.47 - MOX04 - 4W
R9 - R10	2	2.2K - 3W	2.2K - 3W
C1 to C8	8	15000µF - 25V	25V min
C9	1	.0033µF/250v	Line Filtering - .0033µF/Line (.0022µF)
Fuse	1	1.25A - Slow Fuse	
TH1 - Thermistor	1	5A - 10R - 25°	Ametherm SL22 10005 - CL60 type

F3 - 1 channel - Peter Daniel PCB - Nelson r0 - 11/04/05			
Part	Qty	Value	Infos
R1	1	9.09K	9K - 1% - 0.6W
R2 - R19	2	47.5K	47.5K -1% - 0.6W
R3 - R4 - R8	3	2R - 3W	2R - 4W - 18mm
R5	1	2.7R - 3W	2.7R - 4W - 18mm
R6 - R7	2	1R - 3W	1R - 4W - 18mm
R9	1	.47R - 3W	.47R - 4W - 18mm
R10	1	100R - 3W	100R - 4W - 18mm
R11 - R21	2	100R	100R - 1% - 0.6W
R12 - R22	2	10K	10K - 1% - 0.6W
R13 - Unused	0	4.75K	4.75K - 1% - 0.6W
R14 - R16 - R17 - R18	4	1.5K	1.5K - 1% - 0.6W
R15 - R20	2	221R	221R - 1% - 0.6W
P1 - P2	2	10K Trimmer	Vishay 64W - 10K - 25 T
C1	1	15000µF/63v	20mm max
C2 to C7	6	220µF/63v	5 or 7.5mm
C10	1	220µF/63v	5mm
C8	1	1µF/63v	5mm
C9	1	33pF/63v	10mm
Q1	1	LU1014D	Matched - Vgs tested
Q2 - Q3 - Q5	3	IRFP240	Matched preferable
Q4	1	ZTX450	Zetex - NPN
D1	1	1N4001	50V - 1A - Standard
LED1	1	1mA - 1.6V	645nm - Water Clear - 3mm