

	F2 BOM	31/07/09		
Qty	Part Number	Description	Part Reference	Source
		Single PSU	See First Watt Circuit Diagrams	
4	KC006L-ND	CURRENT LIMITER INRUSH	TH1/2/3/4 - not marked on PD's board	Digikey
8	P1.0W-3BK-ND	RES 1 OHM 3W 5% METAL FILM	R1->R8 - not marked on PD's board	Digikey
2	P2.2KW-3BK-ND	RES 2.2K OHM 3W 5% METAL OXIDE	R9,R10 - not marked on PD's board	Digikey
4	P6577-ND	CAPACITOR 15000UF 25V ELEC TSHA	C1->C8 - not marked on PD's board	Digikey
1	BC1611-ND	.0033UF Metallized Polypropylene Film	C9 - not marked on PD's board	Digikey
1	18-0-18 450VA	Toroidal Transformer	T1	
or	2 * 0-18 225VA			
8	MUR3020WTGOS-ND	Ultra Fast Diode	On AC board	Digikey
1	Fuse Holder FH-1	Fuse Holder	FH-1	
1	DPDT Power Switch	Power Switch	SW1	
		Amplifier Boards - both channels		
2	71-RN55D-F-1.0M	Dale RN55 1/8W Metal Film 1.0 Mohms	R1	Mouser
6	71-RN55D-F-221	Dale RN55 1/8W Metal Film 221 ohms	R2,R18,R19	Mouser
2	71-RN55D-F-47.5	Dale RN55 1/8W Metal Film 47.5 ohms	R3	Mouser
8	71-RN55D-F-2.21K	Dale RN55 1/8W Metal Film 2.21 Kohms	R4,R5,R20,R21	Mouser
2	71-RN55D-F-100K	Dale RN55 1/8W Metal Film 100 Kohms	R6	Mouser
2	71-RN55D-F-6.81K	Dale RN55 1/8W Metal Film 6.81 Kohms	R27	Mouser
2	71-RN55D-F-10K	Dale RN55 1/8W Metal Film 10 Kohms	R22	Mouser
4	P0.47W-3BK-ND	RES 0.47 OHM 3W 5% METAL FILM	R16,R17	Digikey
8	RSB-.33RCT-ND	RES 0.33 OHM 3W 5% WIRE WOUND	R23,R24,R25,R26	Digikey
6	P47W-3BK-ND	RES 47 OHM 3W 5% METAL FILM	R13,R14,R15	Digikey
12	P1.0W-3BK-ND	RES 1 OHM 3W 5% METAL FILM	R7->R12	Digikey
or		Mills MRA-5 1 Ohm		PartsConnexion
2	3296W-502LF-ND	POT 5.0K OHM 3/8" SQ CERM SL MT	P1	Digikey

	*** Note that C2/C3 should be of the highest quality possible (see original F2 thread)			
4	495-1119-ND	CAP 1.0UF 63V METAL POLY	C1-2	Digikey
2	P6577-ND	CAPACITOR 15000UF 25V ELEC TSHA	C3	Digikey
2	P10305-ND	CAP 1000UF 35V ELECT FC RADIAL	C4	Digikey
2	ECE-A1HKA100B-ND	10UF 50V MINI ALUM ELECT	C5	Digikey
2	P6924-ND	CAP 33000UF 35V Panasonic TS-UP Electrolytic	C6	Digikey
2	IRFP240	IRFP240 matched pair	Q1	tech-diy.com
2	IRFP9240	IRFP9240 matched pair	Q2	tech-diy.com
2	ZTX550-ND	TRANSISTOR PNP 45V 1000MA TO-92	Q3	Digikey
4	BER131-ND	HEATPAD TO-247 .005"	Q1,Q2	Digikey
2	1N4747ADICT-ND	DIODE ZENER 20V 1W 5%	Z1	Digikey
2		LED	not on PD's board	