

Parts list for Apple IIGS
ASTECC Model AA13591 Power Supply

CAPACITORS

C1	0.47uF 250VAC X2 MKP
C2	0.01uF 250VAC Y MKP
C3	0.47uF 630V MKT
C4	100uF 400V Electrolytic
C5	220uF 10V Electrolytic
C6	15nF
C7	470pF 3KV Ceramic
C8, C14, C18	not fitted
C9	10nF 630V MKT
C10, C21	220nF 100V MKT
C11	2200uF 16V Electrolytic
C12	270uF 16V, 220uF 16V Electrolytic
C13	270uF 16V, 270uF 10V Electrolytic
C15	1200uF 16V Electrolytic
C16	330pF
C17	10nF
C19	22nF
C20	330uF 16V Electrolytic
C22	1000uF 16V Electrolytic
C23, C24	1000uF 10V Electrolytic

INDUCTORS

L0	48uH/48uH Common Mode Filter
L2A, L2B	19mH Common Mode Filter
L3	2.2uH
L4	1.5mH
L5, L8	6.8uH
L6, L7	10uH
L9, L10	100uH

RESISTORS

R1	8.2 a25C 0hm NTC Thermistor
R2	27 0hm 5W
R3, R45	68K 0hm 1W, 100K 0hm 1W
R4	1K 0hm
R5	120 0hm 0.5W
R6	22 0hm
R7	56 0hm
R8	0.27 0hm 0.5W
R9, R10	10.0 0hm

R11	0.47 Ohm 0.5W
R12	10 Ohm
R13	33 Ohm
R14	270 Ohm 0.5W
R15	120 Ohm 0.5W, not fitted
R16	330 Ohm 1W
R18	180, 470 Ohm
R19, R24, R29, R30,	
R38, R46, R47	not fitted
R20	120 Ohm 1W
R21	180 Ohm
R22	120 Ohm 0.5W
R23	120 Ohm 1W
R25	15 Ohm
R26	330 Ohm
R27	68 Ohm
R28	27 Ohm
R31, J1	jumper wire
R32, R33	56 Ohm
R34	12K Ohm
R35	39 Ohm
R36	8.2 Ohm
R37	470 Ohm
R39, R40	2K70 Ohm 1%
R41	47K, 100K Ohm
R42	39K, 220K, 68K Ohm
R43	82K, 100K Ohm, not fitted
R44	100K Ohm, not fitted
R48	390K Ohm 0.5W
R49	10 Ohm (redundant)

SEMICONDUCTORS

D1, D2, D3, D4	G2J 2A 600V Sinterglass Diode
D5	PLR810, RGP10A 1A 50V Fast Recovery Rectifier
D6	RGP10J 1A 600V Fast Recovery Rectifier
D7	1N4001 1A 100V Diode
D8	RGP10M 1A 1000V Fast Recovery Rectifier
D9, D15, D16	1N4606 200mA 70V Fast Silicon Epitaxial Planar Diode
D10	SBS540T 5A 40V Schottky Rectifier
D11	RGP10B 1A 100V Fast Recovery Rectifier
D12	SBS830T 8A 30V High Current Schottky Rectifier
D13	SB160 1A 60V Schottky Barrier Rectifier
D14, D17	not fitted
IC1	C702, TL431, C413 Precision Programmable Reference

Q1	2SC2120 800mA 30V NPN
Q2	2SC3534 4A 800V Silicon Power NPN
Q3, Q4	2SB561 700mA 20V PNP
Q5, Q6, Q7	not fitted
SCR	2N6395P 12A 100V Silicon Controlled Rectifier
Z1	5B1, 5.1V 500mW Zener Diode
Z2	1N4743 13V 1W Zener Diode

MISCELLANEOUS

F1	F2.5A 250VAC M205 fuse
SOCKET	6A 250VAC IEC Panel mount socket
J24, J26, J27	not fitted
S1	4A 250VAC/6A 125VAC DPST mini rocker switch
T1	ASTECC 01510 8938S-R1 feedback transformer
T2	ASTECC 8710 SMPS transformer