

REV	REVISIONS DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	4/24/89	S. OKADA

POWER SUPPLY 40W 220-240V 50Hz 0.5A

PART NO.	APPROVED VENDOR	VENDOR PART NO.
C103416-001	MITSUMI ELECTRIC	SR138

Output: DC 5V 4A
DC 12V 1.6A

		DRAWN BY <i>H. Hanba</i>	DATE 10-18-88	 ATARI CORPORATION		
		CHECKED <i>K. Kitagawa</i>	DATE 10/20/88			
		ENGINEER <i>T. Kobayashi</i>	DATE 10-20-88		TITLE POWER SUPPLY 40W 220-240V	
CA200436-xxx	MEGA 1	APPROVED	DATE	SIZE A	DRAWING NO. C103416-xxx	REV A
NEXT ASSY	USED ON ORIGINAL MODEL	APPROVED <i>S. OKADA</i>	DATE 4/24/89	SCALE NONE		SHEET 1 OF 11
APPLICATION						

PARTS LIST

	SYMBOL	PART NAME	DESCRIPTION	QTY
	IC201 or or	IC	HA17431 L5431 TL431CLP	1
△	PC101 or	PHOTO COUPLERS	PC101	1
	Q101 or or	TRANSISTOR	2SC3459L 2SC3459M 2SC3551	1
	Q102 or or	TRANSISTOR	2SC2606Q 2SC2655Y 2SD400F	1
△	D101 D102 or	DIODE DIODE	RC205 FR106 ERB44-08	Silicon Stacks Fast Recovery "
	D103 or	DIODE	1SS144 1SS81	Silicon "
	D104 or or	DIODE	DS442 1S2076 1S2473	Silicon " "
	D105 or or	DIODE	DS442 1S2076 1S2473	Silicon " "
	D201 or or	DIODE	F10P04Q C10P04Q ESAC82-004	Shottky Barrier " "
	D202	DIODE	5KF20B	Fast Recovery
	D203 or	DIODE	RD18F 1N4746	Silicon "
△	D204 T101	DIODE TRANS FORMERS	RD7.5F EEC35 Switching Transformer	Silicon 1
△	L101 L201 L202	LINE FILTER CHOKE COIL "	UF2327S 5uH-10uH "	1 1 1



ATARI CORPORATION

SIZE A	DRAWING NO. C103416-xxx	REV A
SCALE NONE	SHEET 5	OF 11

THIRD ANGLE SYSTEM, DIMENSION : mm

PARTS LIST

	SYMBOL	PART NAME	DESCRIPTION	QTY
△	C101	CAPACITOR	0.47uF/250V (VE) Metarised	1
△	C102	"	0.1uF/250V (VE) "	1
△	C103	"	2200pF/400V (KC) Ceramic	1
	or	"	" (CS) "	
△	C104	"	2200pF/400V (KC) "	1
	or	"	" (CS) "	
	C105	"	100uF/400V (SMG) Alm. Elect.	1
	or	"	" (LP) "	
	C106	"	0.047uF/630V (MMH) Metalized	1
	or	"	" (C3NE2J) "	
	C107	"	1000pF/1KV: (R) Ceramic	1
	or	"	" (CK) "	
	C108 C109 C110	"	0.047uF/50V (LDS) Poliester	3
	or or or	"	" (AMZ) "	
	C111	CAPACITOR	0.1uF/50V (LDS) "	1
	or	"	" (AMZ) "	
	C201 C202 C205	"	3300uF/10V (SME) Alm. Elect.	3
	or or or	"	" (SM) "	
	C203	CAPACITOR	2200uF/16V (SME) "	1
	or	"	" (SM) "	
	C204	"	1uF/50V (SME) "	1
	or	"	" (SM) "	
	C206	"	1000uF/16V (SME) "	1
	or	"	" (SM) "	
△	R101	RESISTOR	2.2Ω/5W Metal Plate	1
	R102 R103	"	100KΩ/2W Metal Oxide Film	2
	R104	"	56Ω/2W "	1
	R105 R110	"	150KΩ/1W Carbon	2
	R106	"	0.1Ω/2W Metal Plate	1
	R107	"	47Ω/2W Metal Oxide Film	1
	R108	"	560Ω/1W Carbon	1
	R109	"	270Ω/1W "	1
	R201	"	1.2KΩ/1W "	1
	R202	"	18KΩ/1W "	1
	R204	"	3.3KΩ/1W "	1
	R205	"	100Ω/2W Metal Oxide Film	1
	R206	"	10Ω/1W Carbon	1
	VR201	"	1KΩ Variable	1



ATARI CORPORATION

SIZE

A

DRAWING NO.

C103416-XXX

REV

A

SCALE

NONE

SHEET

6 OF 11

THIRD ANGLE SYSTEM. DIMENSION : mm

PARTS LIST

	SYMBOL	PARTNAME	DESCRIPTION	QTY
		HOLDER-FUSE		2
		FUSE	250V/T2A	1
		Insulation Plate		1
		WIRE-JUMP	L=5mm	1
		"	L=7.5mm	1
		"	L=15mm	2
		CONNECTOR-6P-ASSY	68-3741A AWG22 UL1007	1
		P.C.Board		1
		HEAT-SINK (PRI.)	A1 , t=2mm	1
		" (SEC.)	"	1
		SUPPORT-TR		3
		SWITCH-PWR	ZLK01-61	1
		AC-INLET	AC-008	1
		or	AC-P01 (SEMKO)	1
		TUBE	L=12mm	6
		CHASSIS		1
		BAND		5
		SCREW	M3x6 Pan Sems	6
		"	M3x6 Flat Head	2
		"	M3x6 With Star Washer	2
		"	M4x6 Pan Sems	1
		WASHER	M4 Star Washer	1
		SARCON-TUBE	L=25 t=0.45 m/m	2
		SARCON-SEET	t=0.45 m/m	1
		WIRE-ASSY	68-3994N L=130mm BRN	1
		"	68-39940 L=115mm BLU	1
		WIRE	68-3885H L=100mm BRN	1
		"	68-3885I L=100mm BLU	1
		WIRE-EARTH	68-3985A L= 65mm GRN/YEL	1
		LABEL	68-9825A MODEL-LABEL	1
		WIRE-ASSY	68-3882A L=110mm YEL	1

CAUTION: Components identified by the  symbol in the PART LIST have special characteristics important to safety.
Do not degrade the safety of the set through improper servicing.



ATARI CORPORATION

SIZE

DRAWING NO.

REV

A

C 1 0 3 4 1 6 - x x x

A

SCALE

NONE

SHEET

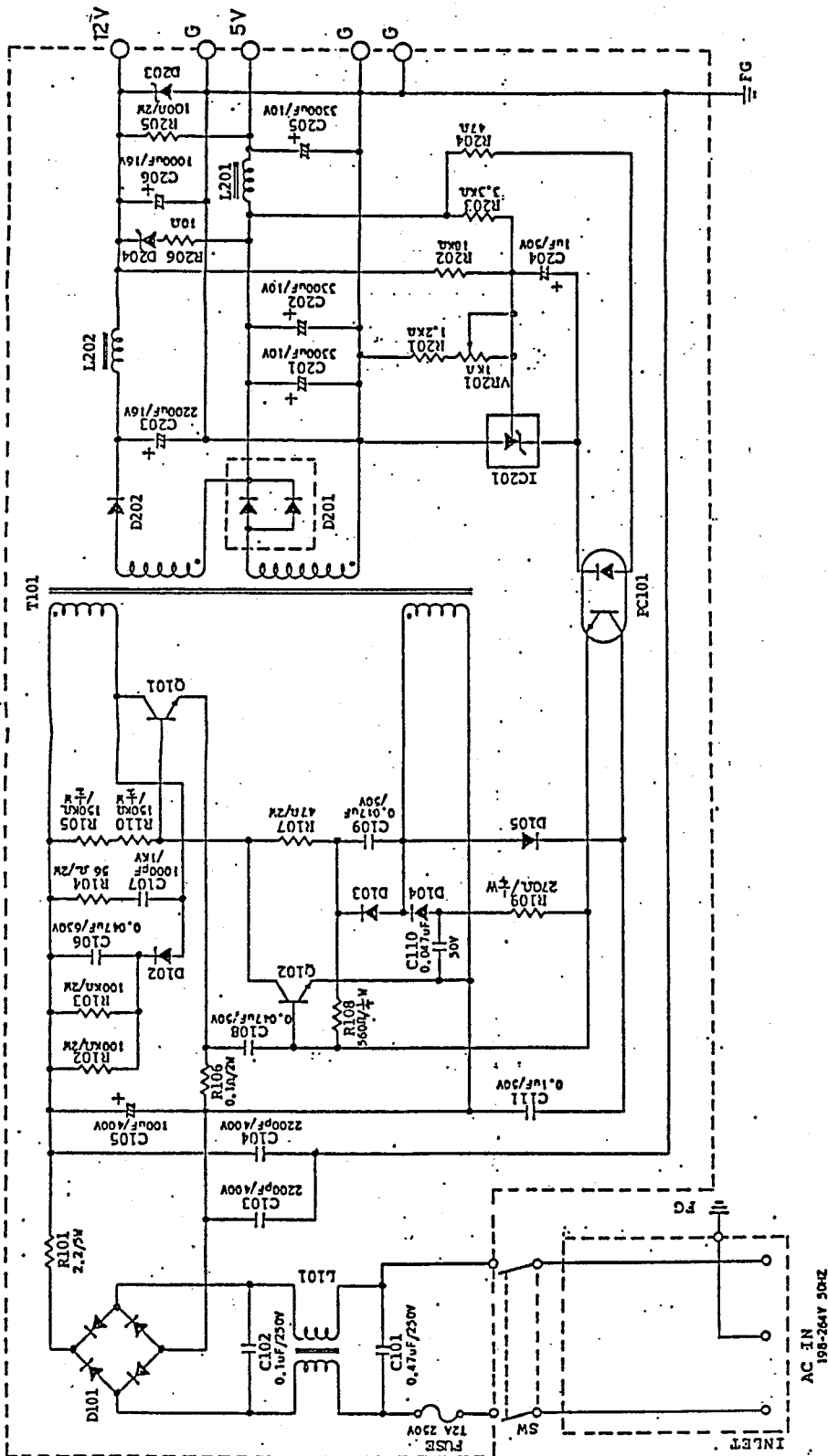
7

OF

11

THIRD ANGLE SYSTEM, DIMENSION : mm

REV	REVISIONS DESCRIPTION	DATE	APPROVED
	SEE SHEET 1.		



ATARI CORPORATION		DATE 10-18-88 CHECKED 10-18-88 ENGINEER J. K. K. K. APPROVED 10-20-88	DATE 10-18-88 CHECKED 10-18-88 ENGINEER J. K. K. K. APPROVED 10-20-88	DATE 10-18-88 CHECKED 10-18-88 ENGINEER J. K. K. K. APPROVED 10-20-88	DATE 10-18-88 CHECKED 10-18-88 ENGINEER J. K. K. K. APPROVED 10-20-88
TITLE SR1-138 POWER SUPPLY 40W 220-240V		SIZE B DRAWING NO. C103416-xxx A			
SCALE NONE		SHEET 10 OF 11			

UNLESS OTHERWISE SPECIFIED:
 ON LINEAR DIMENSIONS: UNDER 30 ±, 30 THRU 300 ±, OVER 300 ±
 ON ANGULAR DIMENSIONS: ±
 MATERIAL: _____
 FINISH: _____
 USED ON ORIGINAL MODEL: _____
 NEXT ASSY: _____
 APPLICATION: _____

NOTES—UNLESS OTHERWISE SPECIFIED: