AD-4712

MOISTURE BALANCE

TECHNICAL INFORMATION

tech-AD-4712-v.1 89.07 OYM

MOISTURE BALANCE



PARTS LIST

AD-4712 MAIN BOARD 1/2

CIRCUIT SYMBOL or DRWG. NO.	PARTS NAME	DESCRIPTION	Q'TY
	7PZ:2044A	MAIN BOARD AD4712	1
C10~18	CC:0.022U	CERAMIC CAPACITOR 0.022 µF	9
C2,5,9	CC:0.1U25V	CERAMIC CAPACITOR 0.1 µF 25V	3
C6	CK:SM10VB100	ELECTROLYTIC CAPACITOR 100 µF 10V	1
C3 .	CK:SM25VB100	ELECTROLYTIC CAPACITOR 190 µF 25V	1
C8	CM:5002223K1	FILM CAPACITOR 0.022 µF	1
C1	CT:1VR33	TANTALUM CAPACITOR 0.33 µF 35V	1
C7	CT:1V010	TANTALUM CAPACITOR 1 µF 35V	1
D5,6	DI:1S1588	DIODE	2
	ED:LM568AF	LCD	1
TH1	ES:SDT250S	THERMISTOR	1
BZ1	ET:20Z-32C-5V-N	BUZZER	1
	HT:6073PB	HEAT SINK	1
J1	JD:230-05-30	CONNECTOR	1
J2	JD:230-07-30	CONNECTOR	1
J5	JS:IC-09-14=2	IC SOCKET	1
(U7)	JS:10340-01-445	IC SOCKET	1
J3	JT:1-172429-2		1
J7	JT:172429-8	CONNECTOR	1
	MF:AMZ21	HYBRID IC	1
	PC:2044B	PRINT CIRCUIT BOARD	1
Q1,2,3,4,5	QT:C1815Y	TRANSISTOR	5
R17,20	RC:1K	CARBON RESISTOR 1KΩ 1/4W	2
R1~5,12,13,15,16	RC:10K	CARBON RESISTOR 10KΩ 1/4W	9
R27,28	RC:100K	CARBON RESISTOR 100KΩ 1/4₩	2
R6,11	RC:15K	CARBON RESISTOR 15KΩ 1/4W	2
R18	RC:2.2K	CARBON RESISTOR 2.2KΩ 1/4₩	1
R19	RC:2.7K	CARBON RESISTOR 2.7KΩ 1/4W	1
R29~36	RC:22K	CARBON RESISTOR 22KΩ 1/4W	8
R21	RC:220R	CARBON RESISTOR 220Ω 1/4W	1
R14	RC:4.7K	CARBON RESISTOR 4.7KΩ 1/4W	1
R22	RC:750R	CARBON RESISTOR 750Ω 1/4W	1
R7~9	RM:E316RB	METALIZED RESISTOR	3
R0	RM:1/21MF	METALIZED RESISTOR 1MΩ	1
R10	RM:100KF	METALIZED RESISTOR 100KΩ	1

AD-4712 MAIN BOARD 2/2

CIRCUIT SYMBOL or DRWG. NO.	PATRS NAME	DESCRIPTION	Q'TY
	7PZ:2044A	MAIN BOARD AD4712	1
R23	RN: IHR-4-223MA	RESISTOR NETWORK 22 K $\Omega \times 4$	1
R25	RN: IHR-6-104JA	RESISTOR NETWORK 100KΩ×6	1
R24	RN: IHR-8-223MA	RESISTOR NETWORK 22K $\Omega imes 8$	1
R26 .	RN: IHR-8-563JA	RESISTOR NETWORK 56KΩ×8	1
U2 ·	UA:C339C	VOLTAGE COMPARATOR	1
U5	UA:S-8054ALR	VOLTAGE COMPARATOR	1
U9	UA:TD62583AP	TRANSISTOR ARRAY	1
U3	UC:HC4520	CMOS IC	1
U1	UC:MB88541-174M	MPU	1
U4,8	UC:RP93C46	EEPROM	2
U6	UF:MB4053	A/D CONVERTER	1
U11	UR:TA78005AP	REGULATOR	1
¥10	UR:TA78010AP	REGULATOR	1
XT1	XT:C4SA-4M-M00	CRYSTAL 4MHz	1
	04:A44676	HEAT SINK	1
	04:A48417A		2
	07:A48418		2
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PARTS LIST AD-4712 POWER UNIT

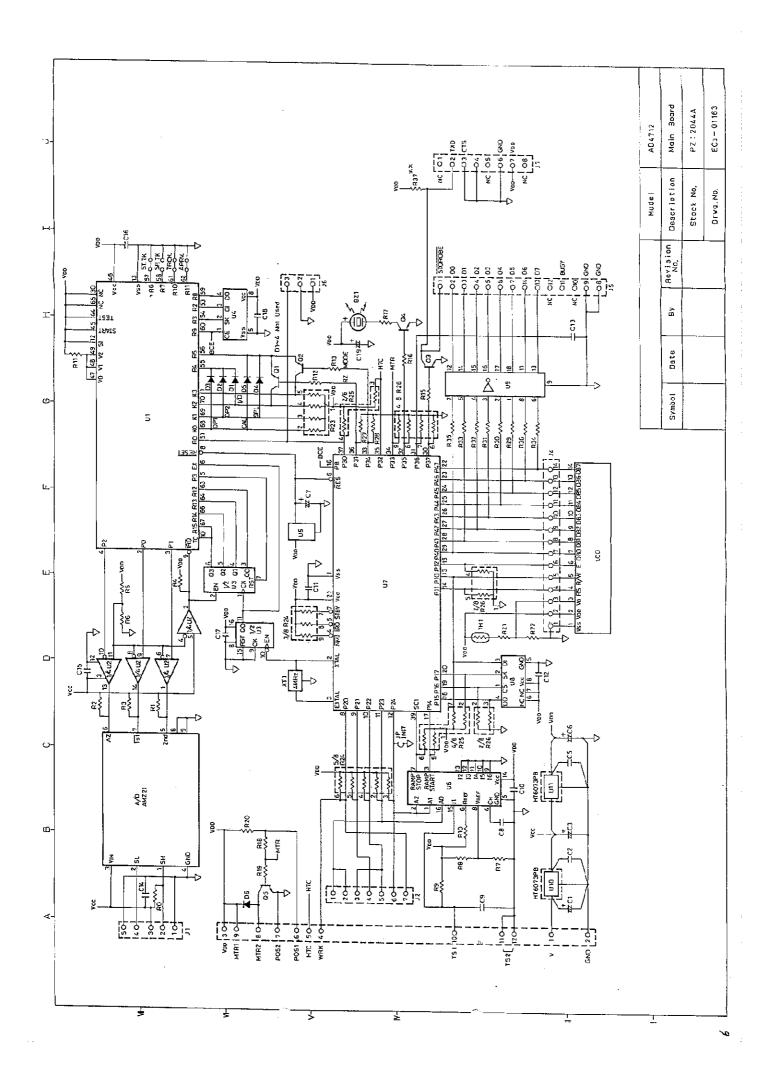
CIRCUIT SYMBOL or DRWG. NO.	PARTS NAME	DESCRIPTION	Q′TY
	7PZ:2047	POWER UNIT AD4712	
C4	CK:SM35VB1000	ELECTROLYTIC CAPACITOR 1000 µF 35V	1
C2,3	CM:E6103KZ	FILM CAPACITOR 0.01 µF 630V	2
C1	CM:E6104KZ	FILM CAPACITOR 0.1 µF 630V	1
TRC2	DF:TLP511GA	PHOTO COUPLER	1
D2,3	DI:F14A	DIODE	2
D1	DI:1S1588	DIODE	1
B1	ET:ERZ-C20DK471		1
	FH:85PN0819	FUSE HOLDER	2
	FS:F7142-0.5A	FUSE 0.5A	1
J3	JT:1-172429-2	CONNECTOR	1
J14	JT:172429-4	CONNECTOR	1
J15	JT:172429-8	CONNECTOR	1
J11	JU:350428-1	CONNECTOR	1
J12	JU:640466-1	CONNECTOR	1
	PC:2047	PRINT CIRCUIT BOARD	1
TR1	QT:A1015Y	TRANSISTOR	1
R1	RC:1/2100R	CARBON RESISTER 100Ω 1/2W	1
R2	RC:1/2150R	CARBON RESISTOR 150Ω 1/2W	1
R4,5	RC:1/222K	CARBON RESISTOR 22K \Q 1/2\	2
R3	RC:1/256R	CARBON RESISTOR 56Ω 1/2₩	1
R7	RC:10K	CARBON RESISTOR 10KΩ 1/4W	1
R6	RC:220R	CARBON RESISTOR 220 \Quad 1/4\times	1
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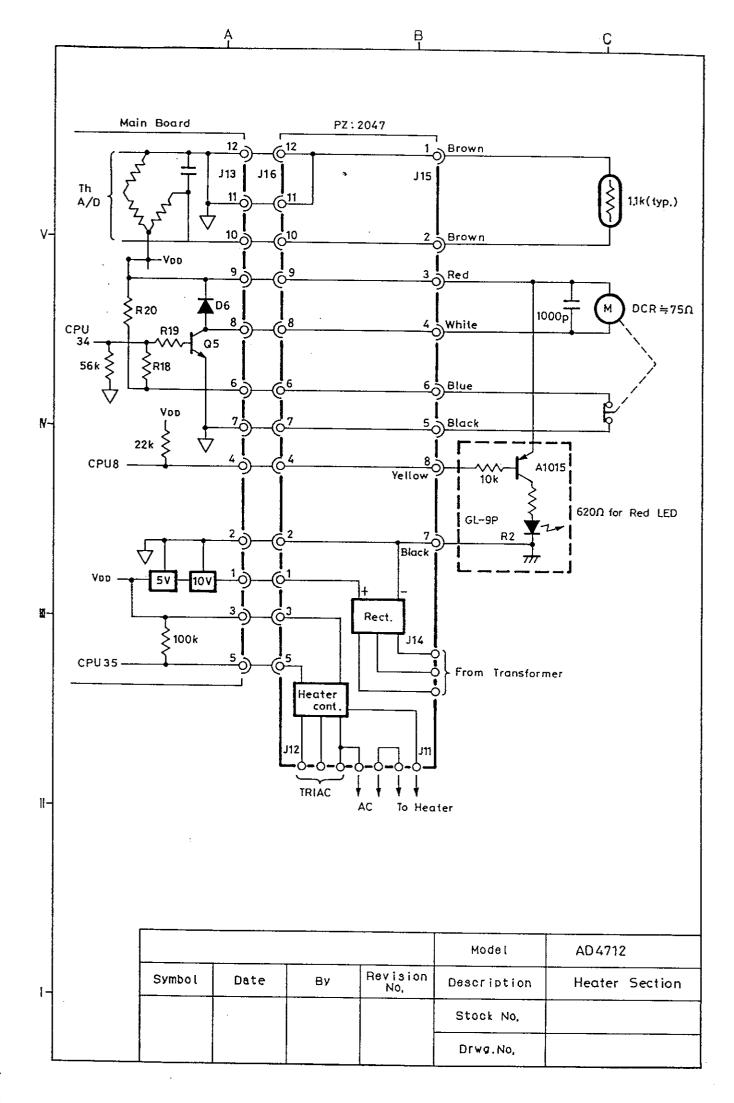
AD4712 EXPLODED VIEW -1/2

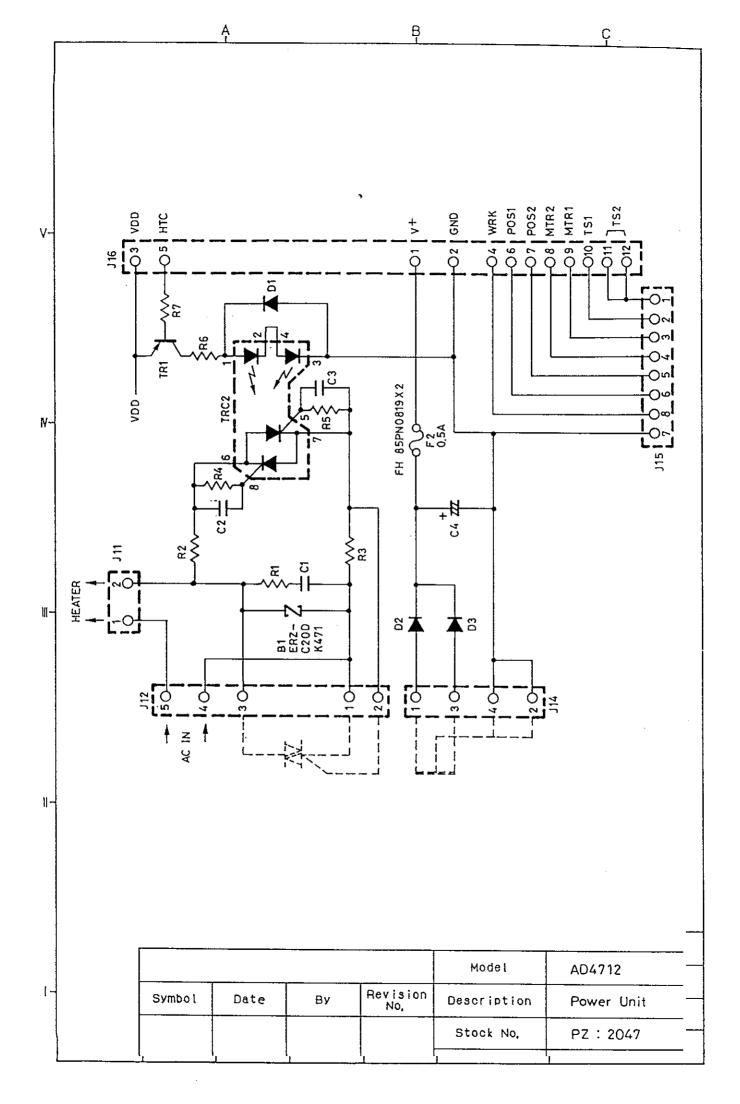
DRG. NO.	PARTS NAME	DESCRIPTION	Q'TY
1	710:112305	WEIGHING PAN	
2	710:001190	TRIVET	
3	710:001192	ELEVATOR ASS'Y	
4	710:112296-01	UNDER COVER	
5.	710:001191	DRYER ASS'Y AC100~120V	
(5)	710:001196	DRYER ASS'Y AC200~220V	
6	09:A34592A-1	UPPER CASE WITH FILTER	
7	05:A46740A	STRUT	
8	05:A40701	SPACER 6.5mm	
9	05:A48284A	LOAD CELL STOPPER STAND	
10	04:A34526D	CHASSIS	
11	04:A46312	LOAD CELL STOPPER	
12	04:A46310	LOAD ANGLE	
13	7LC:104-120	LOAD CELL	
14	05:A48283	LOAD CELL FITTING STAND	
15	04:A48282	LOAD CELL COVER	
16	05:A40331	SPACER 13mm	
17	02:A46923B	BLANK PANEL	
18	07:A46854A	CONNECTOR STAND	
19	03:A10063E	LOWER CASE	
20	07:A46735A	ADJUSTABLE FOOT	
21	05:A44645A	LEVEL HOLDER	
22	04:A47459	CASE FITTING PLATE	
23		POWER SWITCH	
24	7PZ:2047	POWER BOARD UNIT	-
25	TF:324A	TRANSFORMER	
26	KO:482B	CABLE	
27	FS:F7142-10A	FUSE	
28	FH:F-64AD	FUSE HOLDER	
29	TM:ML-2015D-3P	TERMINAL	
30	NF:ZGB22-1-01	NOISE FILTER	
31	KO:432D-21-6	CABLE	
32	KO:527-A/A	POWER CABLE ASS'Y (PLUG: A2)	
(32)	KO:527-B/A	POWER CABLE ASS'Y (PLUG:BF)	
(32)	KO:527-C/A	POWER CABLE ASS'Y (PLUG:C)	
(32)	KO:527-S/A	POWER CABLE ASS'Y (PLUG:S)	

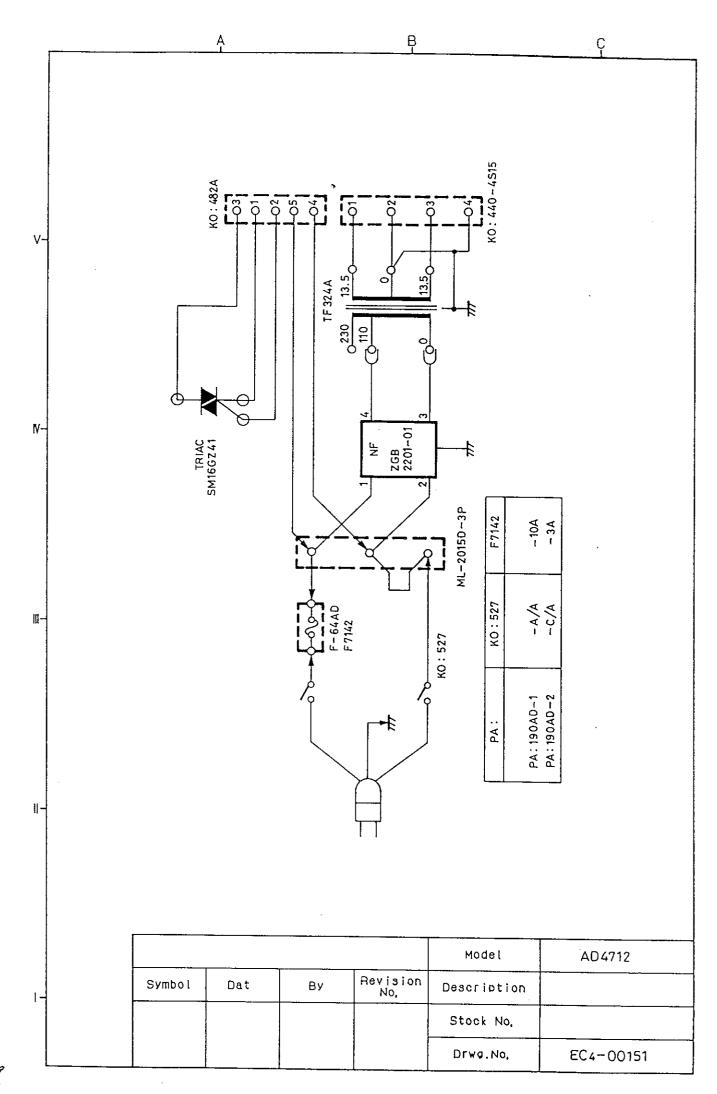
AD4712 EXPLODED VIEW -2/2

DRG. NO.	PARTS NAME	DESCRIPTION	Q'TY
33	7PZ:2044A	MAIN BOARD UNIT	
34	00:A46916	LEVEL VIEL	
35	09:A20705B	KEY SHEET WITH SWITCH	
100		4×10 W SEMUSU	
101		4×10 SEMUSU Fe/CHROMATE	
102		M3×4	
103		M3 LOCK WASHER	
104		M3×6 SEMUSU Fe/CHROMATE	
105		M3×15 Fe/CHROMATE	
106		M3×6 W SEMUSU Fe/CHROMATE	
107		M3×4 W SEMUSU	
108		WAWSHER (L) NYLON M4	
109		M4×8 TRASS Fe/CHROMATE	
110		M3×8 SEMUSU Fe/CHROMATE	
111		M4×18 W SEMUSU Fe/CHROMATE	
112		M3×8 W SEMUSU	
113		M3×8 SEMUSU	
114		M3×6 Fe/CHROMATE	
115		M2.6×8 TAPPING Fe/CHROMATE	
116		M3×6 W SEMUSU (S)	
117		M4×10 Fe/CHROMATE	
118		M3×4 SEMUSU	

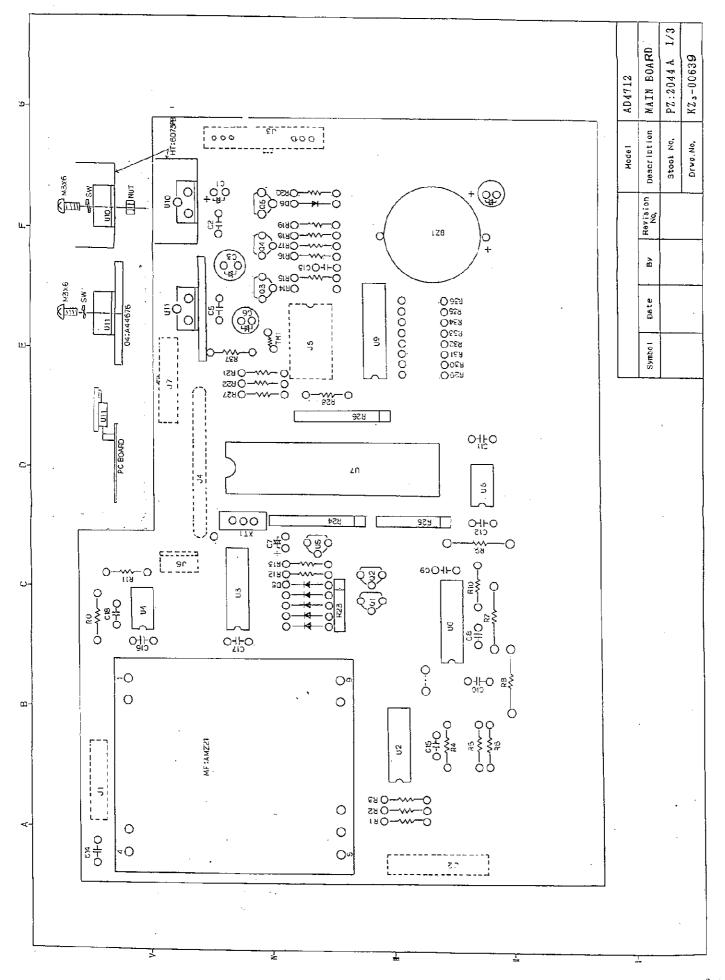




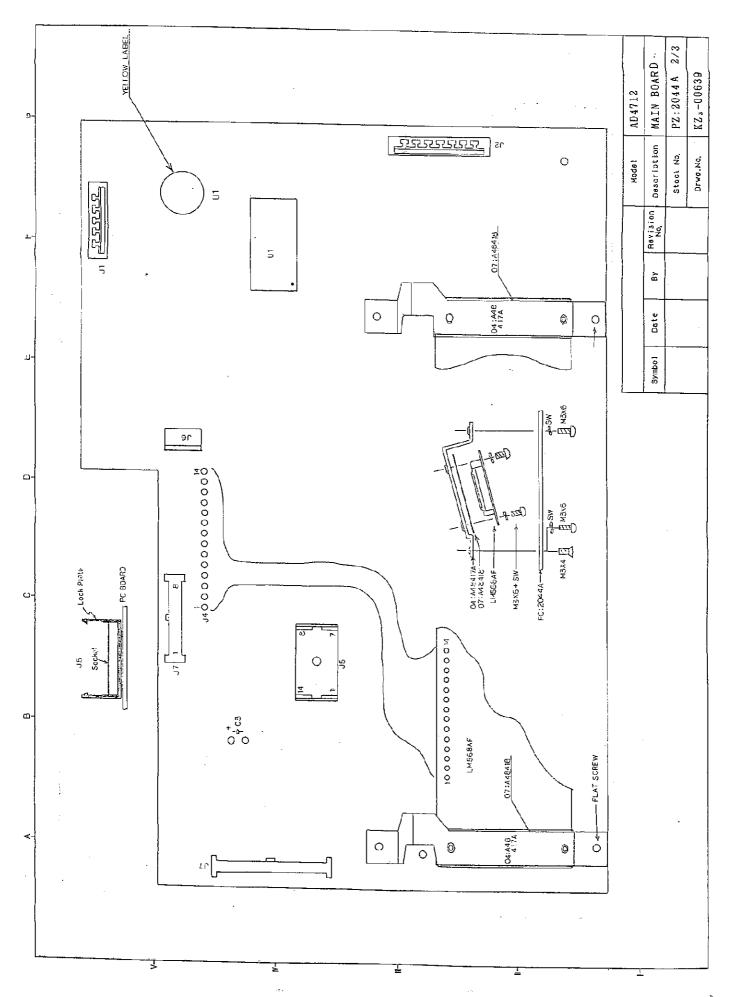


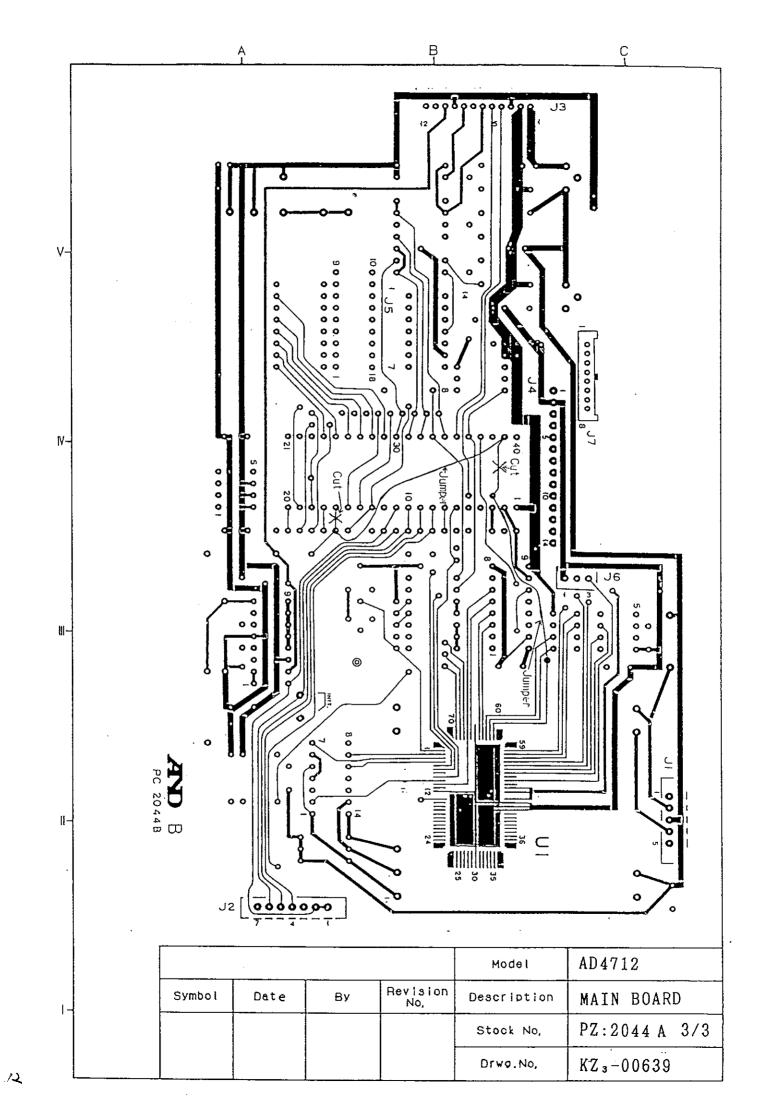


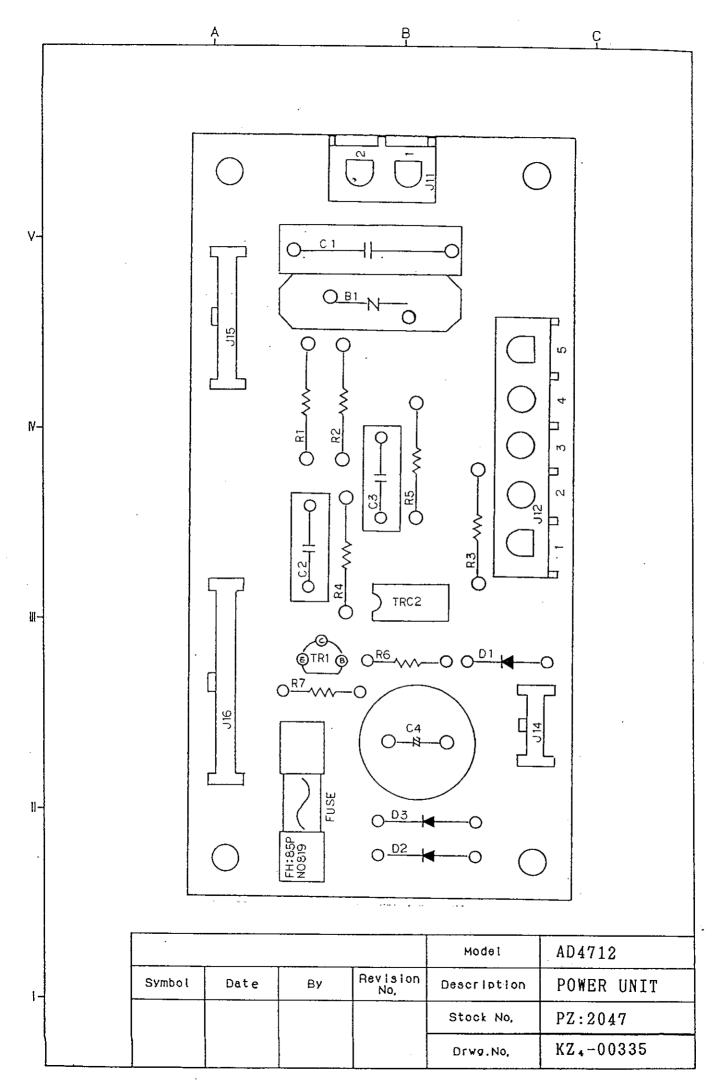
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