

AD-4329

OP-02

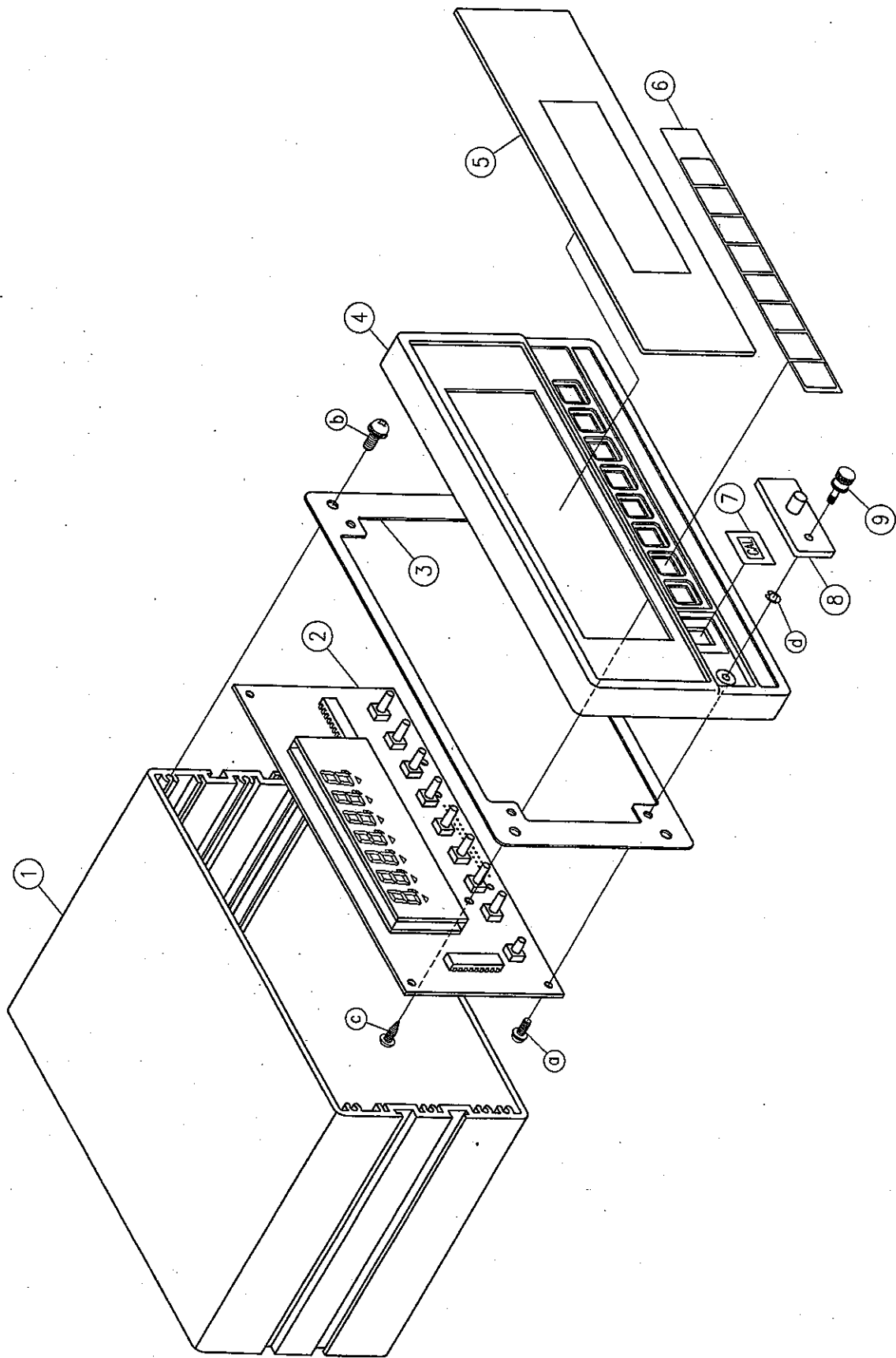
TECHNICAL INFORMATION

Weighing Indicator

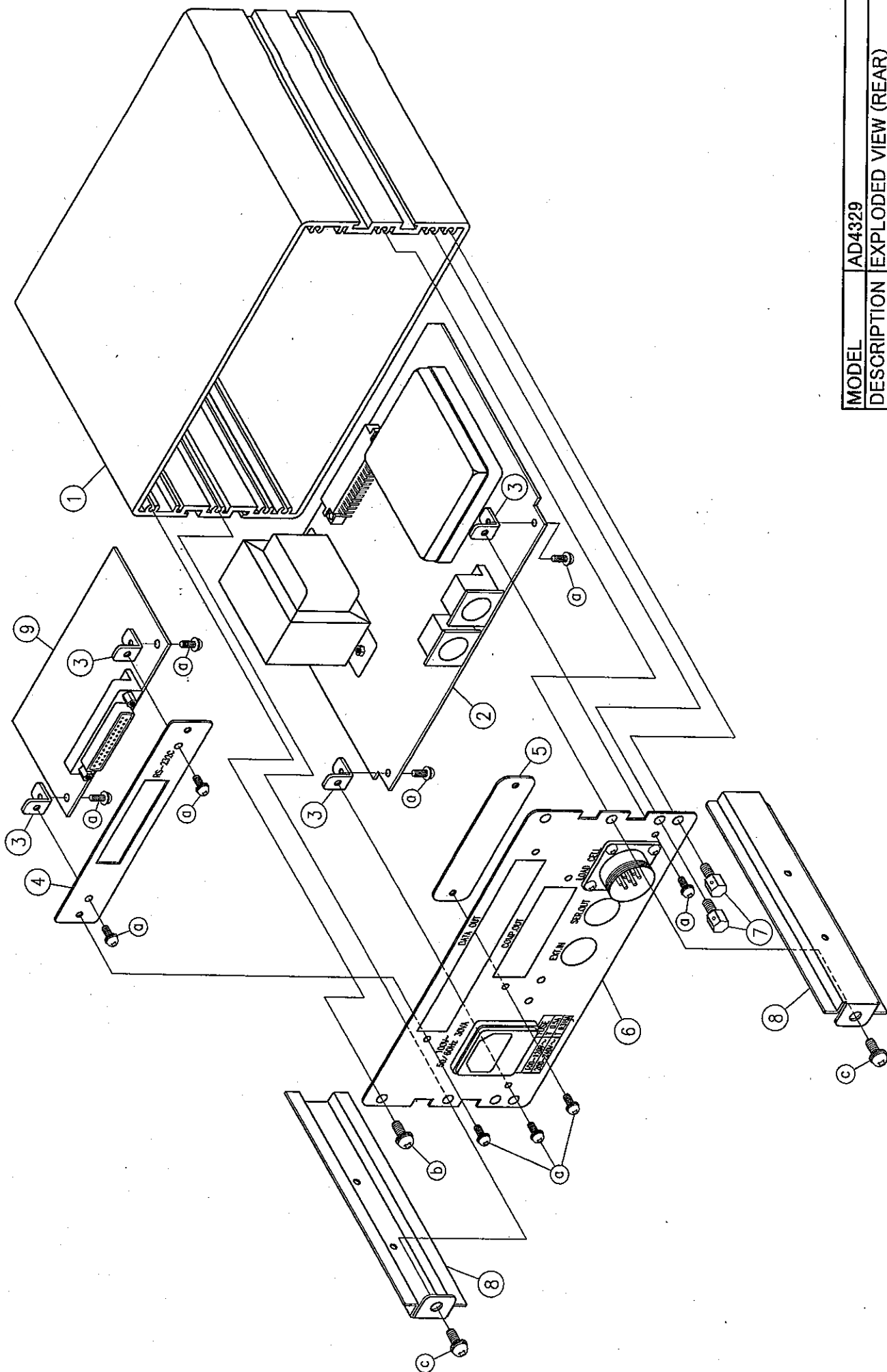
DRAFT



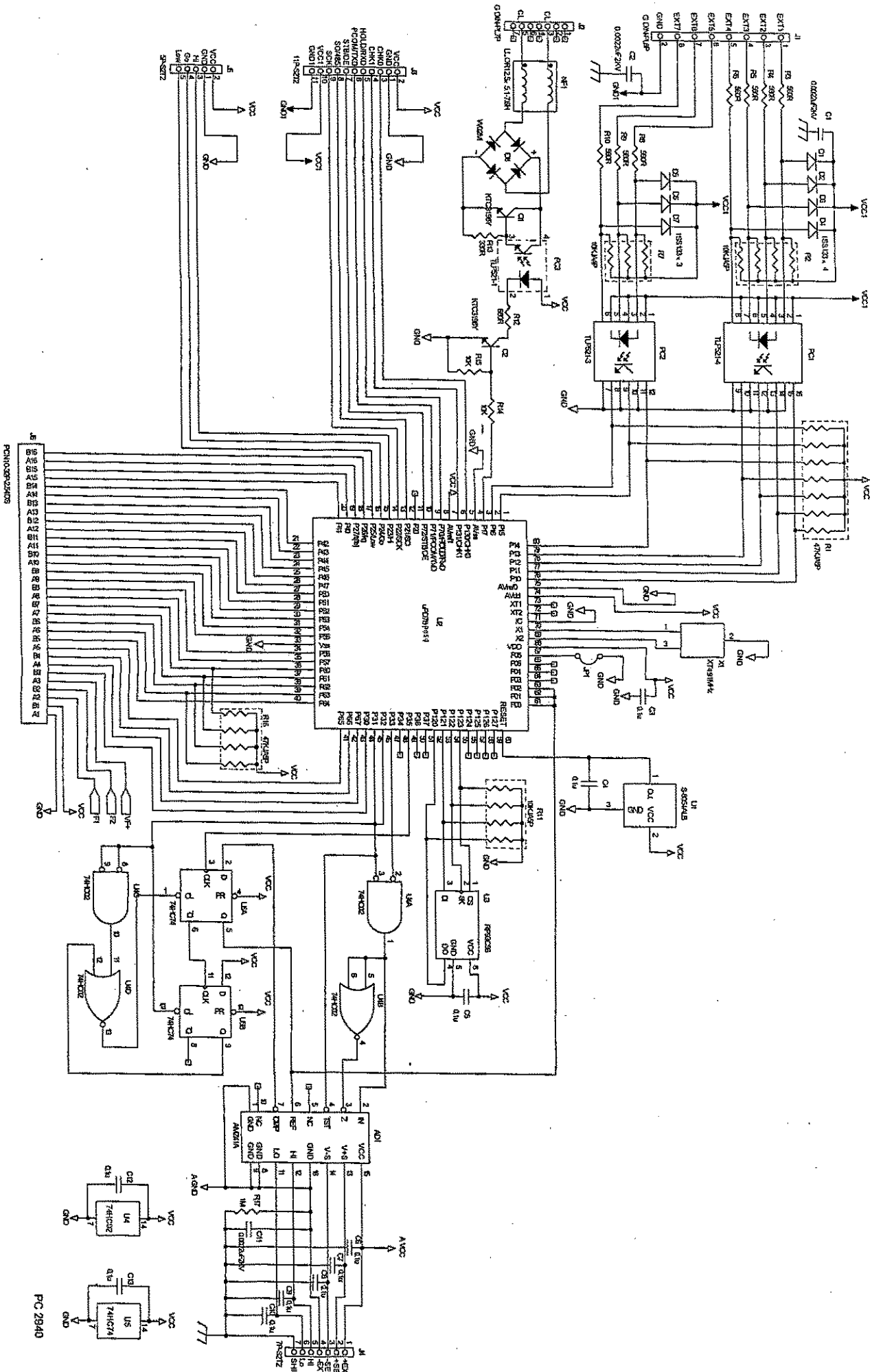
A&D Company, Limited



MODEL	AD4329
DESCRIPTION	EXPLODED VIEW (FRONT)
STOCK No.	

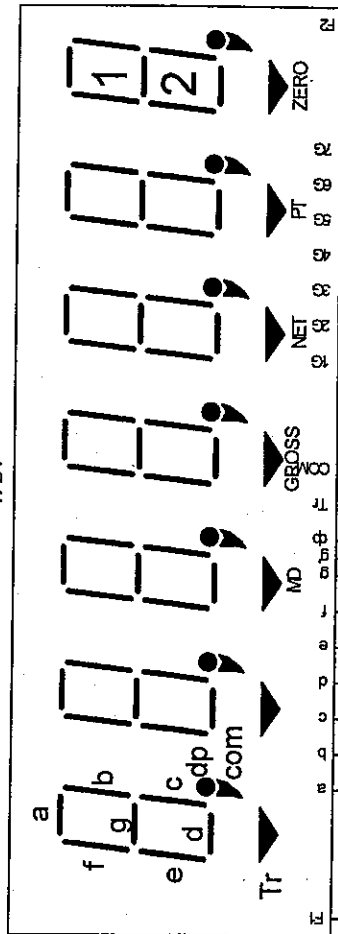


MODEL	AD4329
DESCRIPTION	EXPLODED VIEW (REAR)
STOCK No.	

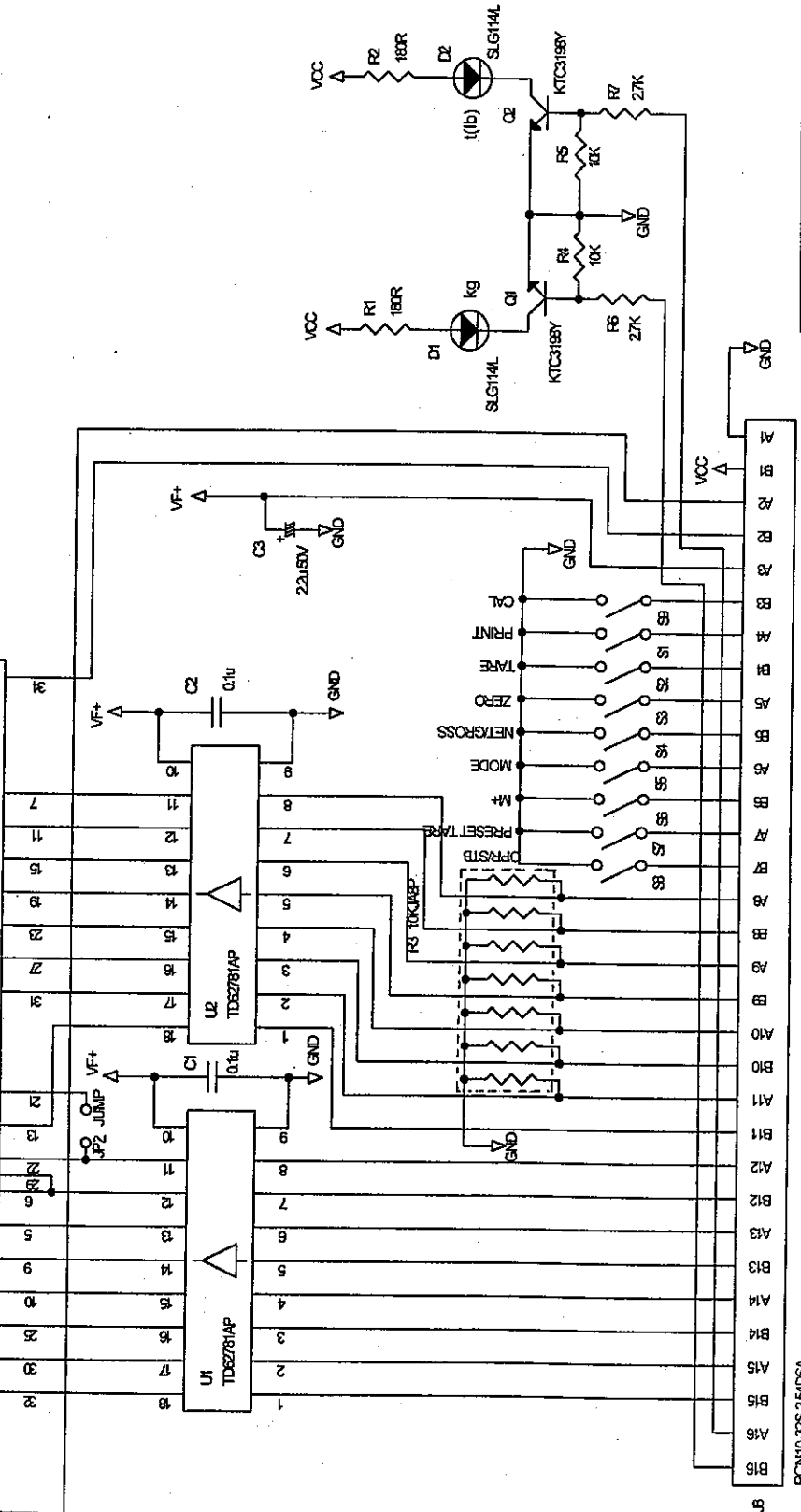


MODEL	AD4329
DESCRIPTION	MAIN BOARD
STOCK No.	7PZ2940

VFD1

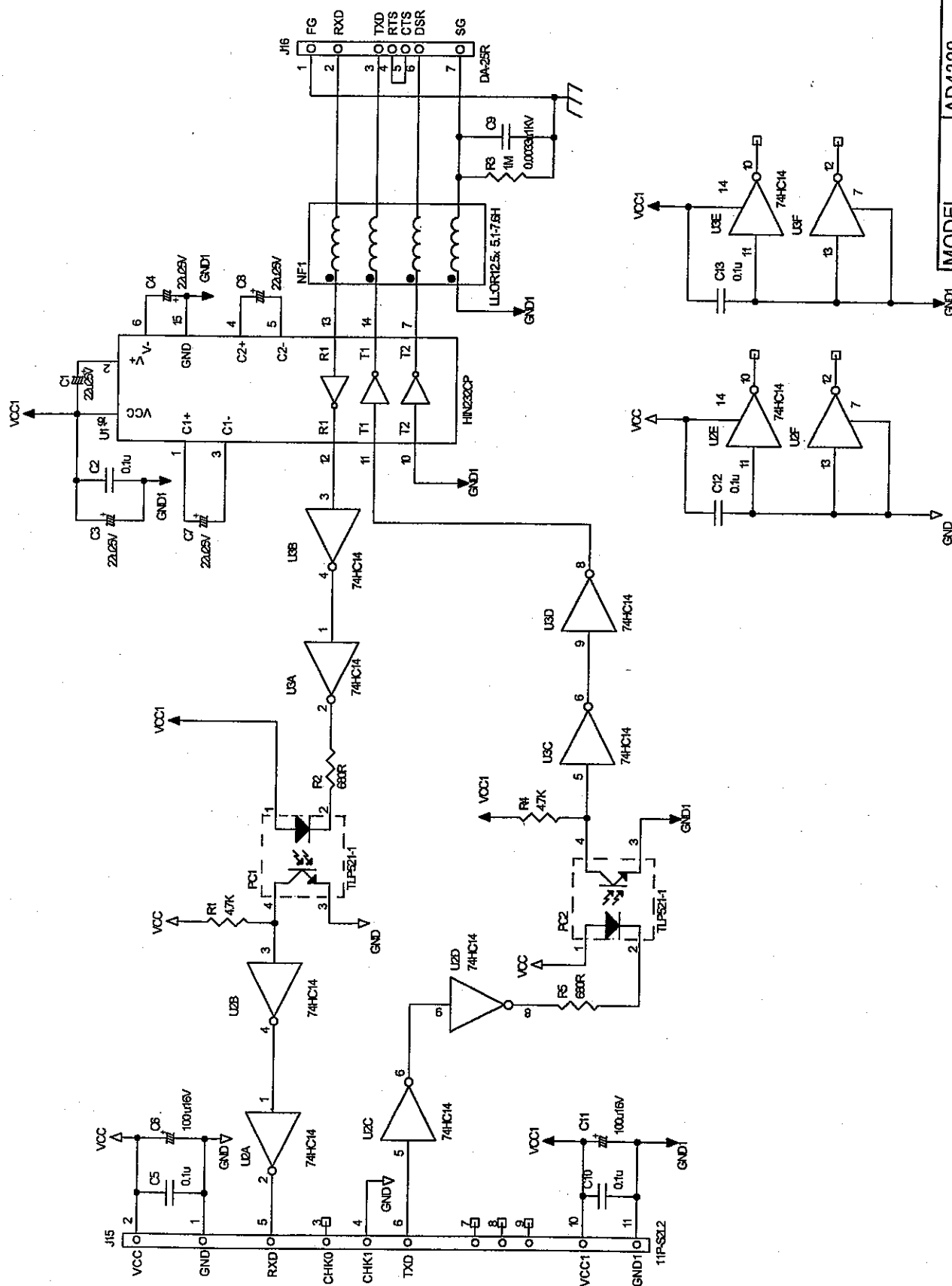


SVB07LS01

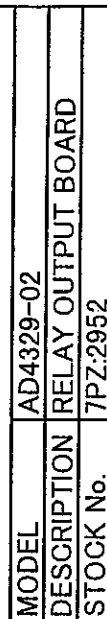


PCN10-32S-254D5A

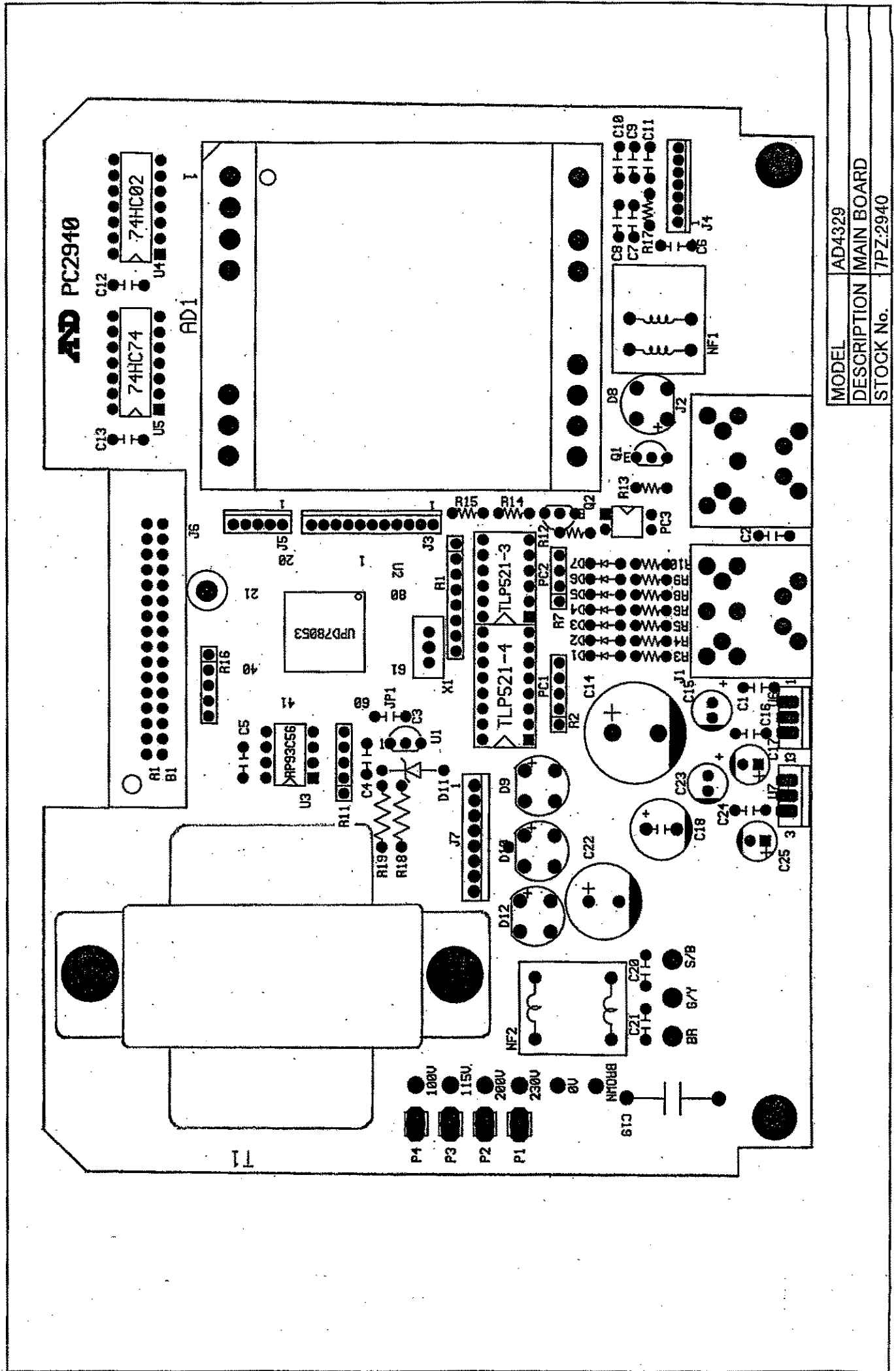
MODEL	AD4329
DESCRIPTION	DISPLAY BOARD
STOCK No.	7PZ:2941

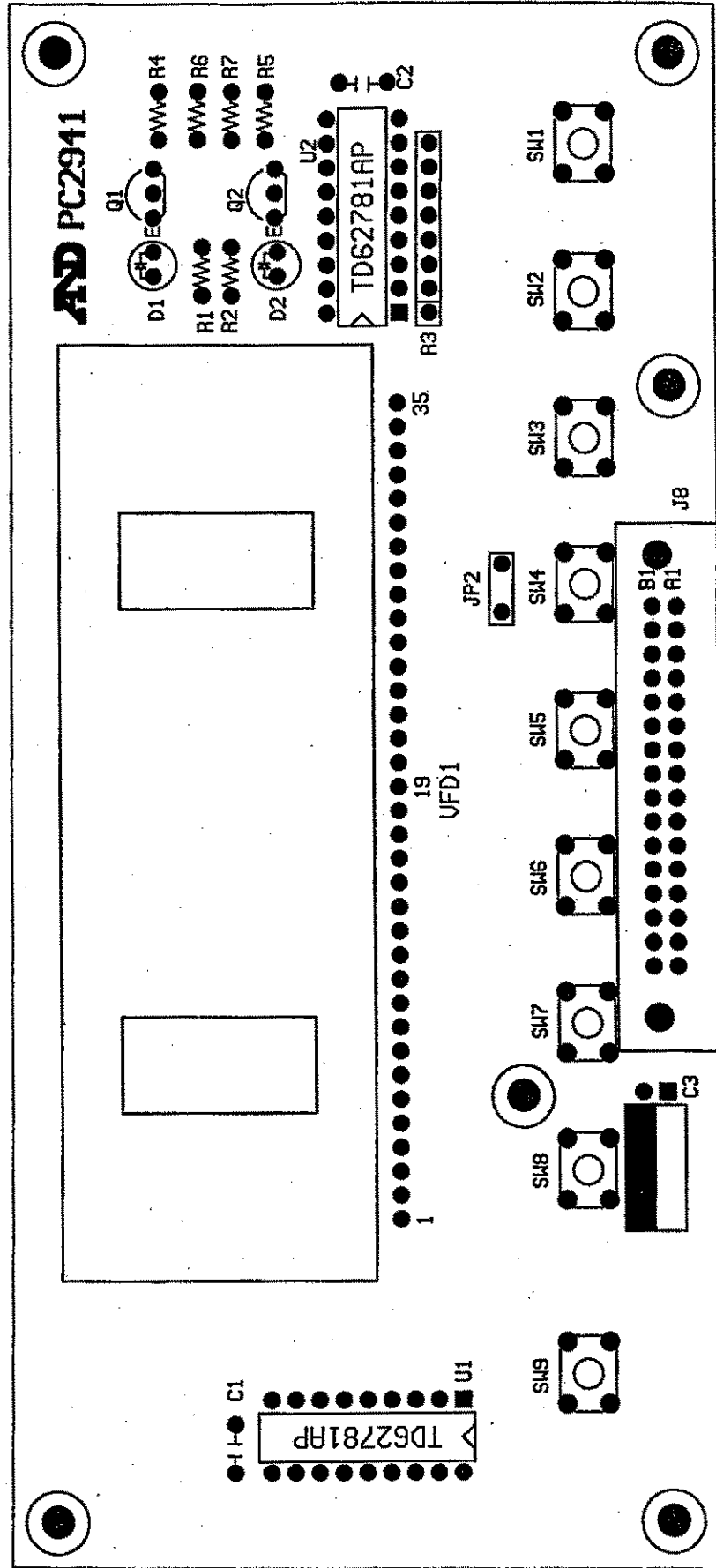


MODEL	AD4329
DESCRIPTION	RS-232C BOARD
STOCK No.	7PZ:2954

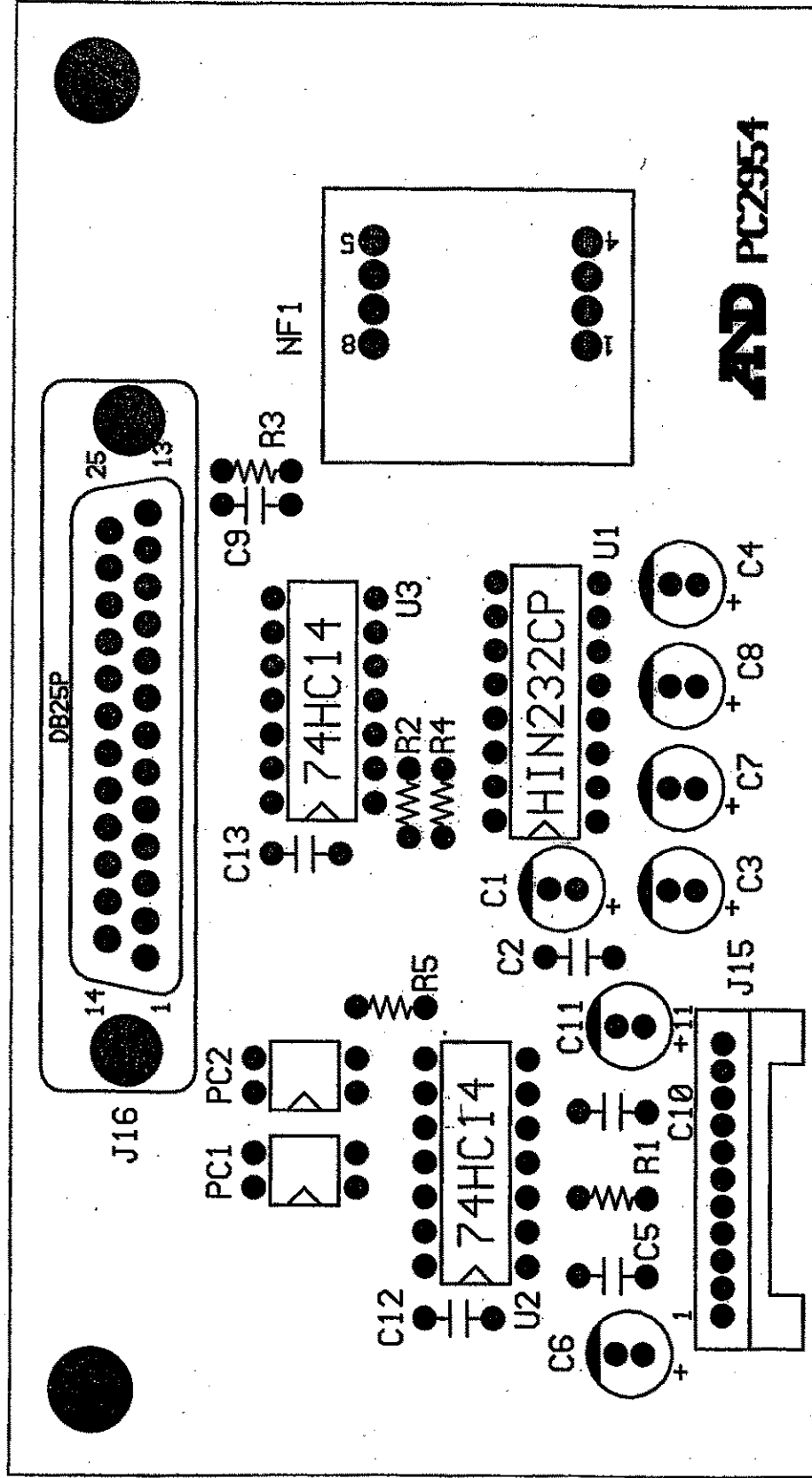


MODEL	AD4329-02
DESCRIPTION	RELAY OUTPUT BOARD
STOCK No.	7PZ:2952

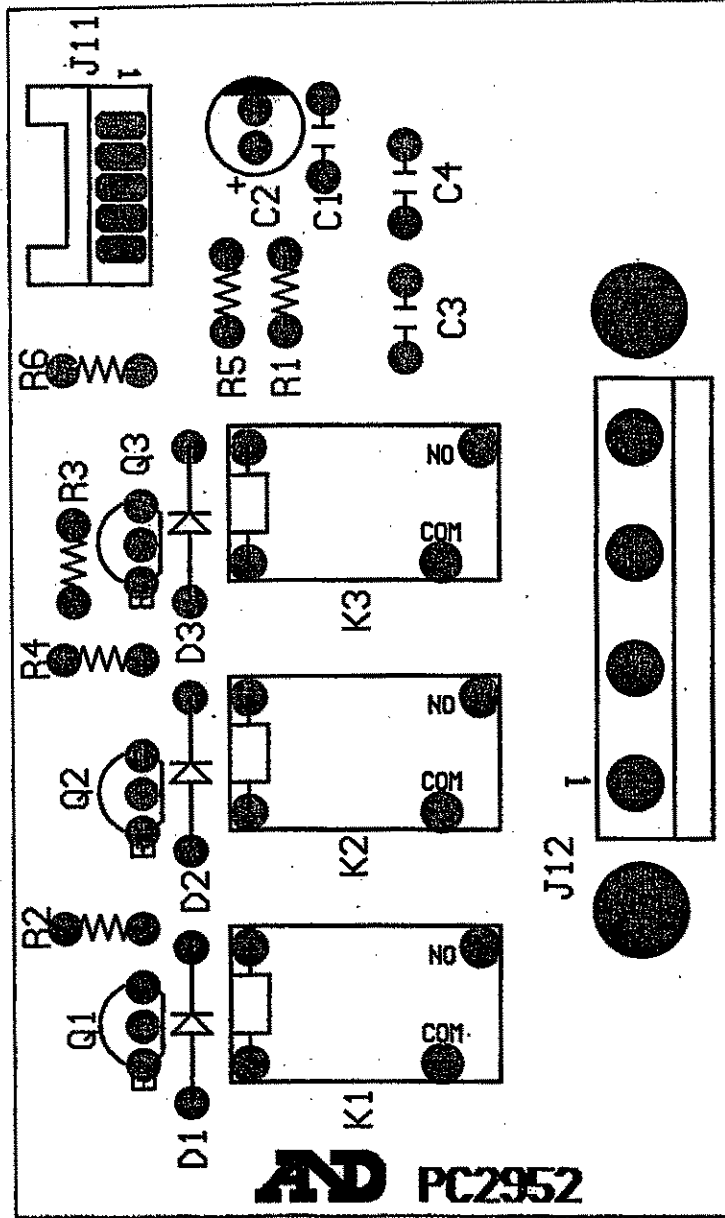




MODEL	AD4329
DESCRIPTION	DISPLAY BOARD
STOCK No.	7PZ-2941



MODEL	AD4329
DESCRIPTION	RS-232C BOARD
STOCK No.	7PZ-2954



MODEL	AD4329-02
DESCRIPTION	RELAY OUTPUT BOARD
STOCK No.	7PZ:2952

AD-4329 PARTS LIST

FRONT SIDE

NO	DISCRIPTION	PART NO	QTY	RMKS
1	CASE	05:3003939	1	
2	DISPLAY BOARD	7PZ:2941	1	
3	FRONT CHASSIS	04:4008707	1	
4	FRONT COVER	07:2000511A	1	
5	FILTER(kg/t)	07:3003920C	1	
	FILTER(kg/lb)	07:3003947A	1	
6	KEY SHEET	08:4008689	1	
7	CAL SHEET	08:4008715A	1	
8	CAL PANEL	07:4008708	1	
9	SEALING BOLT	05:4008709	1	
a		M3x8 SCREW with SPRING WASHER, PLANE WASHER	4	
b		M4x6 SCREW with SPRING WASHER, PLANE WASHER	4	
c		M3x10 SELF TAPPING SCREW	2	
d		E Ring(#2.6)	1	

REAR SIDE

NO	DISCRIPTION	PART NO	QTY	RMKS
1	CASE	(See Front side)		
2	MAIN BOARD	7PZ:2940	1	
3	PCB FIXING PLATE	04:4008710	4	
4	RS-232C PANEL	04:4008687A	1	
5	OPTION PANEL	04:4008711A	1	
6	REAR PANEL	01:3003919B	1	
7	SEALING BOLT	05:4008713A	4	
8	SLIDE LOCK	04:4008712B	2	
9	RS-232C BOARD	7PZ:2954	1	
a		M3x6 SCREW with SPRING WASHER, PLANE WASHER	12	
b		M4x8 SCREW with SPRING WASHER, PLANE WASHER	2	
c		M4x12 SCREW with SPRING WASHER, PLANE WASHER	2	

7PZ:2940(MAIN BOARD) PARTS LIST

CIRCUIT SYMBOL	DISCRIPTION	PART NO	QTY	REMARKS
	PCB	PC2940	1	177×147 Wside
AD1	A/D MODULE	MF:AMZ41A	1	
U1	RESET IC	UA:S-8054ALB	1	
U2	OTP CPU	UC:78P054GC-3B9	1	MASK(Plan)
U3	EEPROM	UC:AT93C56-10PC	1	
U4	CMOS GATE	UC:74HC02	1	
U5		UC:74HC74	1	
Q1,Q2	TRANSISTOR	QT:KTC3198Y	2	
PC1	PHOTO COUPLER	DF:TLP521-4	1	
PC2		DF:TLP521-3	1	
PC3		DF:TLP521-1	1	
D1~D7	DIODE	DI:1SS133	7	
D8	BRIDGE DIODE	DI:W02M	1	
X1	RESONATOR	XT:KBR4.91MKSTF	1	
R1		RN:47KJA8P	1	
R2,R11		RN:10KJA5P	2	
R3~R6,R8~R10	CARBON RESISTER	RC:RD1/8W560RJ	7	
R7		RN:10KJA4P	1	
R12		RC:RD1/8W680RJ	1	
R13		RC:RD1/8W330RJ	1	
R14,R15		RC:RD1/8W10KJ	2	
R16		RN:47KJA5P	1	
R17	CARBON RESISTER	RC:RD1/8W1MJ	1	
C1,C2,C11	CAPACITOR	CC:0.0022 μ 2kV	3	
C3~C10,C12,C13	C/C CAPACITOR	CC:0.1 μ F25V	10	
J1	DIN 7P SOCKET	JA:4470-01-1111	1	
J2	DIN 8P SOCKET	JA:4480-01-4151	1	
J3		J1:11P-S2T2	1	
J4		J1:7P-S2T2	1	
J5		J1:5P-S2T2	1	
J6	CONNECTOR	J1:PCN10-32P-2.54DS	1	
NF1	COMMON CHOKE	LL:OR12.5×5.1-7.6H	1	
T1	TRANSFORMER	TF:294	1	
P1~P4	FASTEN PIN	JT:YFW-500-01	4	
JP1	FASTEN CABLE	KO:1618	1	
J7	CONNECTOR	JT:LW0640-08	1	
U6,U7	REGULATOR	UR:NJM7805FA	2	
D9,D10,D12	BRIDGE DIODE	DI:W02M	3	
D11	ZENER DIODE	DZ:1N752	1	
R18,R19	CARBON RESISTER	RC:RD1/4W82RJ	2	
C14		CK:SME25VB2200	1	
C15,C23		CT:489D105X0025	2	
C16,C24		CC:0.1 μ F25V	2	
C17,C25		CK:SME25VB10	2	
C18		CK:SME50VB220	1	
C19		CP:PCX23350.022 μ	1	
C20,C21	CAPACITOR	CC:0.0022 μ 2kV	2	
C22		CK:SME25VB1000	1	
NF2	LINE FILTER	LL:LFU1116V2-07100	1	10mH, 0.7A

7PZ:2941(DISPLAY BOARD) PARTS LIST

CIRCUIT SYMBOL	DISCRIPTION	PART NO.	QTY	REMARKS
	PCB	PC2941	1	165×75 Wside
VFD1	VFD	ED:SVB07LS01	1	
U1,U2	DRIVER	UC:TD62781AP	2	
Q1,Q2	TRANSISTOR	QT:KTC3198Y	2	
D1,D2	LED	DL:SLG114/L	2	
R1,R2		RC:RD1/8W180RJ	2	
R3	RESISTER	RN:10KJA8P	1	
R4,R5		RC:RD1/8W10KRJ	2	
R6,R7		RC:RD1/8W2.7KRJ	2	
C1,C2	CAPACITOR	CC:0.1μF25V	2	
C3		CK:SME50VB2.2	1	
S1~S8		SK:KPT-1105L	8	
S9	TACT S/W	SK:KPT-1105B	1	
J8	CONNECTOR	JI:PCN10-32S-2.54DSA	1	

7PZ:2954(RS-232C BOARD) PARTS LIST

CIRCUIT SYMBOL	DISCRIPTION	PART NO	QTY	REMARKS
	PCB	PC2954	1	109×60 Wside
U1	RS232C	UC:ICL232CPE	1	
U2,U3	CMOS GATE	UC:74HC14	2	
PC1,PC2	PHOTO COUPLER	DF:TLP521-1	2	
R1,R4	RESISTER	RC:RD1/8W4.7KJ	2	
R2,R5		RC:RD1/8W680RJ	2	
R3		RC:RD1/8W1MJ	1	
C1,C3,C4,C7,C8		CK:SME25VB22	5	
C2,C5,C10,C12,C13	CAPACITOR	CC:0.1 μ F25V	5	
C6,C11		CK:SME16VB100	2	
C9		CC:0.0033 μ F1kV	1	
NF1	COMMON CHOKE	LL:OR12.5×5.1-7.6H	1	
J15	PIN HEADER	JI:11P-S2L2	1	
J16	D-SUB CONNECTOR	JA:DA-25RF	1	
	CABLE	KO:964-11W12	1	

7PZ:2952(OP-02) PARTS LIST

CIRCUIT SYMBOL	DISCRIPTION	PART NO	QTY	REMARKS
	PCB	PC2952	1	84×60 Single
Q1-Q3	TRANSISTER	QT:KTC3198Y	3	
D1,D2,D3	S/W DIODE	DI:1SS133	3	
R1,R3,R5	RESISTER	RC:RD1/8W4.7KJ	3	
R2,R4,R6		RC:RD1/8W10KJ	3	
C1		CC:0.1μF25V	1	
C2	CAPACITOR	CK:SME16VB100	1	
C3		CC:0.0022μF2KV	1	
K1,K2,K3	POWER RELAY	SL:CS11-5SH	3	
J11	PIN HEADER	JI:5P-S2L2	1	
J12	TERMINAL BLOCK	JA:BR-762DEL4P	1	M3
Accessory	CABLE	KO:964-5W12	1	