KONAMI®

SUPER CONTRA™

INSTRUCTION MANUAL

TABLE OF CONTENTS

SUPER CONTRA: WIRING HARNESS

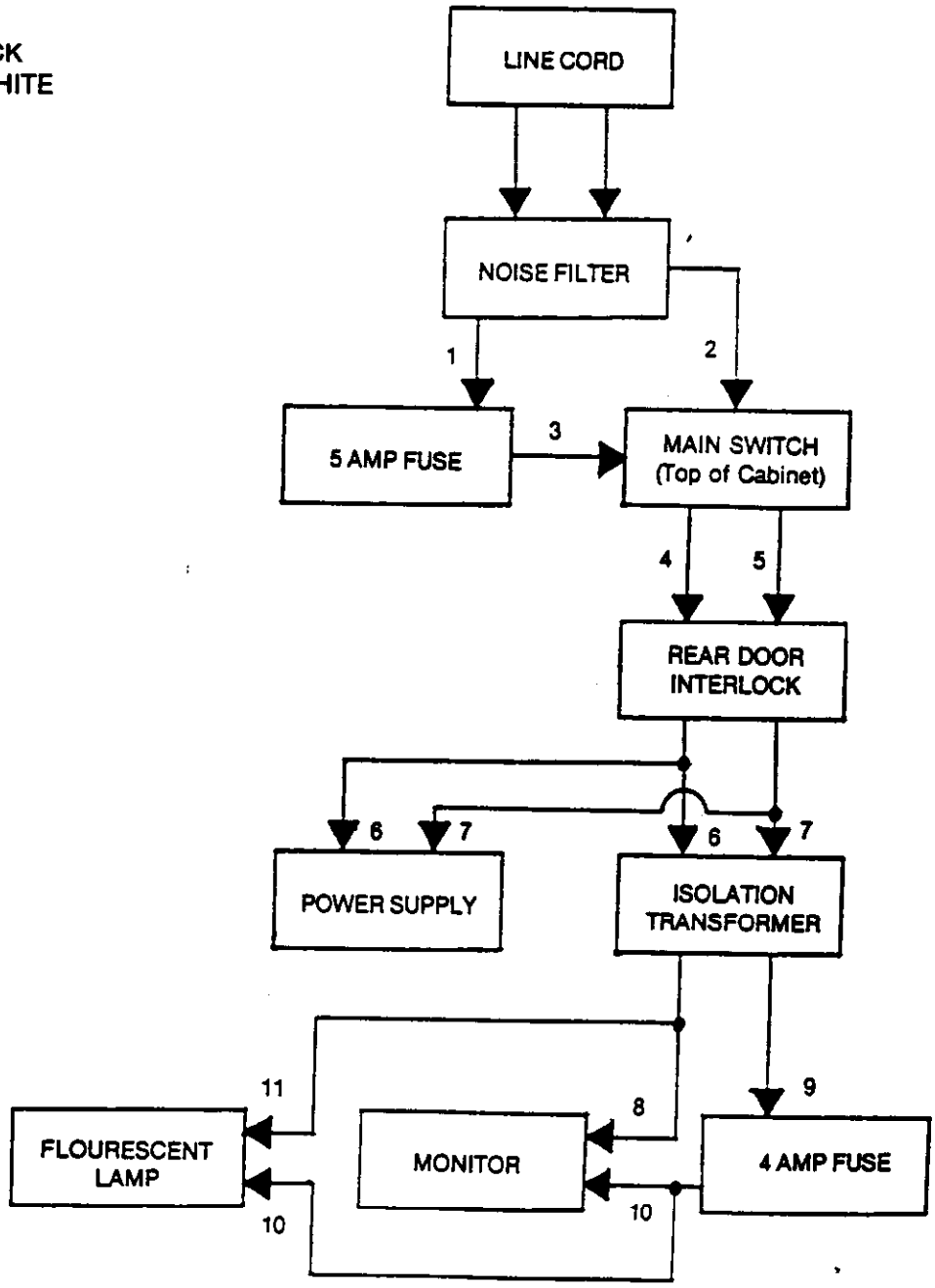
WIRE COLOR KEY:

	Solder Side ←			→ Parts Side	
BLACK	GND	A	1	GND	BLACK
BLACK	GND	B	2	GND	BLACK
RED	+5V DC	C	3	+5V DC	RED
RED	+5V DC	D	4	+5V DC	RED
	NOT USED	E	5	NOT USED	
ORANGE	+12V DC	F	6	+12V DC	ORANGE
	*KEY	H	7	*KEY	
BROWN/YELLOW	COIN COUNTER 2	J	8	COIN COUNTER 1	GREEN/GRAY
	(EMPTY)	K	9	(EMPTY)	
	SPEAKER (-)	L	10	SPEAKER (+)	
	(EMPTY)	M	11	(EMPTY)	
WHITE/GREEN	VIDEO GREEN	N	12	VIDEO RED	RED/WHITE
WHITE	VIDEO SYNC	P	13	VIDEO BLUE	BLUE/WHITE
RED/YELLOW	SERVICE SW	R	14	VIDEO GROUND	BLACK
	(EMPTY)	S	15	(EMPTY)	
VIOLET/WHITE	COIN 2	T	16	COIN 1	BLUE/BROWN
RED/GREEN	2P START	U	17	1P START	PINK/YELLOW
BLUE/YELLOW	2P UP	V	18	1P UP	ORANGE/WHITE
VIOLET/YELLOW	2P DOWN	W	19	1P DOWN	BLACK/WHITE
ORANGE/GREEN	2P LEFT	X	20	1P LEFT	RED/GRAY
ORANGE/YELLOW	2P RIGHT	Y	21	1P RIGHT	GRAY/WHITE
BLACK/YELLOW	2P SHOOT	Z	22	1P SHOOT	PINK/WHITE
ORANGE/GRAY	2P JUMP	a	23	1P JUMP	GREEN/BROWN
	NOT USED	b	24	NOT USED	
	NOT USED	c	25	NOT USED	
	NOT USED	d	26	NOT USED	
BLACK	GND	e	27	GND	BLACK
BLACK	GND	f	28	GND	BLACK

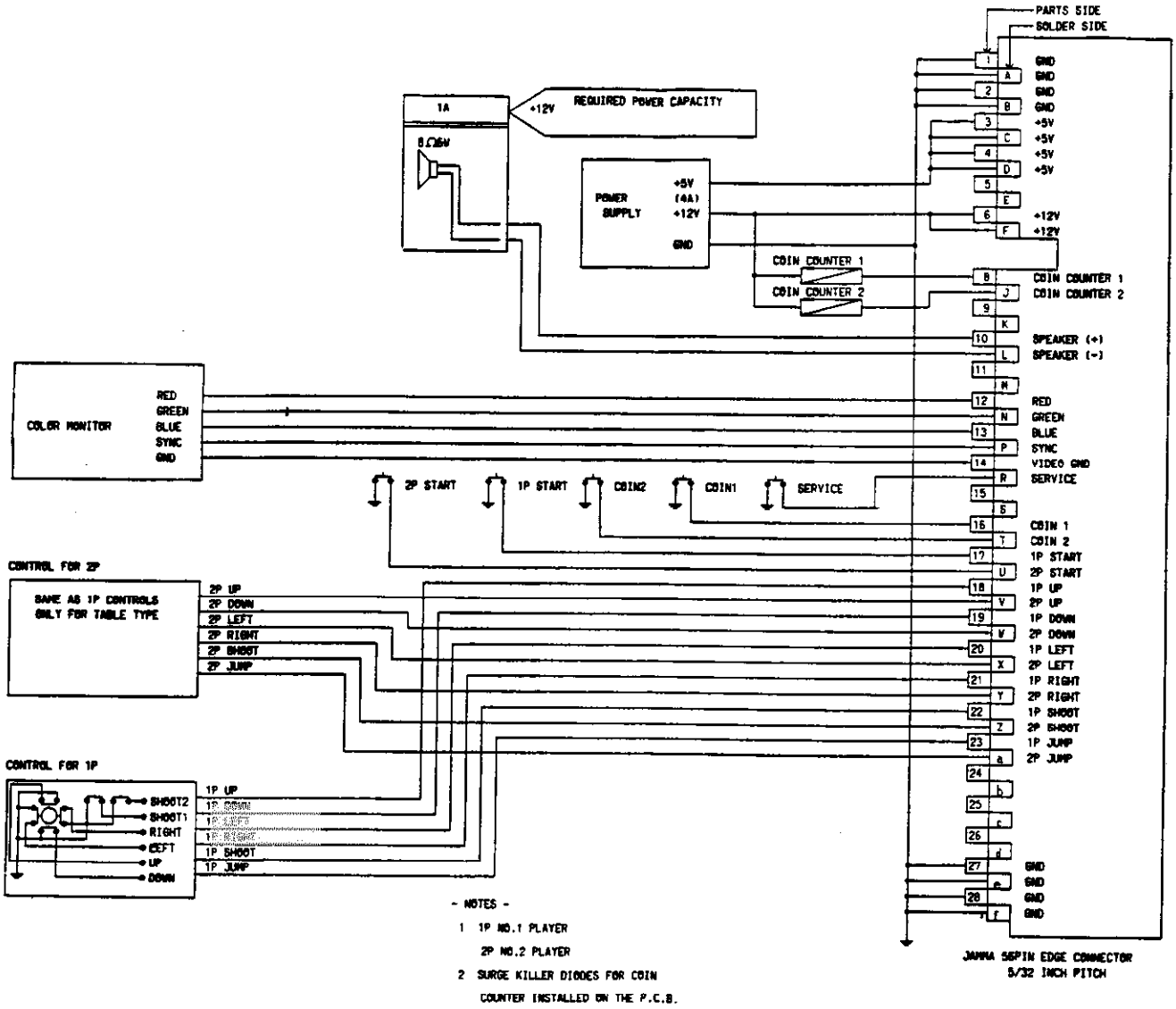
(BASE COLOR/LINE COLOR)

SUPER CONTRA: AC FLOW CHART

1. GREEN/YELLOW
2. BLACK
3. RED
4. BLUE
5. BROWN
6. RED/BLACK
7. BLACK/WHITE
8. WHITE
9. GREEN
10. VIOLET
11. ORANGE



SUPER CONTRA: WIRING DIAGRAM



- NOTES -

1 1P NO.1 PLAYER
2P NO.2 PLAYER

2 SURGE KILLER DIODES FOR COIN COUNTER INSTALLED ON THE P.C.B.

DIP SWITCH SETTINGS

DIP SWITCH NO. 1 SETTINGS

1. COIN 1

SW	1	2	3	4	COIN	PLAY
•	OFF	OFF	OFF	OFF	1	1
	ON	OFF			1	2
	OFF	ON			1	3
	ON	ON			1	4
	OFF	OFF	ON	OFF	1	5
	ON	OFF			1	6
	OFF	ON			1	7
	ON	ON			2	1
	OFF	OFF	OFF	ON	2	3
	ON	OFF			2	5
	OFF	ON			3	1
	ON	ON			3	2
	OFF	OFF	ON	ON	3	4
	ON	OFF			4	1
	OFF	ON			4	3
	ON	ON			FREEPLAY	

FREEPLAY: You can play game without coins.

2. COIN 2

SW	5	6	7	8	COIN	PLAY
•	OFF	OFF	OFF	OFF	1	1
	ON	OFF			1	2
	OFF	ON			1	3
	ON	ON			1	4
	OFF	OFF	ON	OFF	1	5
	ON	OFF			1	6
	OFF	ON			1	7
	ON	ON			2	1
	OFF	OFF	OFF	ON	2	3
	ON	OFF			2	5
	OFF	ON			3	1
	ON	ON			3	2
	OFF	OFF	ON	ON	3	4
	ON	OFF			4	1
	OFF	ON			4	3
	ON	ON			VOID	

DIP SWITCH NO. 2 SETTINGS

1. THE NUMBER OF PLAYER'S LIFE

SW	1	2	NUMBER
•	OFF	OFF	2
	ON	OFF	3
	OFF	ON	5
	ON	ON	7

2. CHANGE OF TABLE/UPRIGHT

SW	3	TYPE
	OFF	TABLE
•	ON	UPRIGHT

3. BONUS LIFE

SW	4	5	BONUS LIFE
•	OFF	OFF	At 30,000 pts. and 200,000 pts.
	ON		At 50,000 pts. and 300,000 pts.
	OFF	ON	At 30,000 pts. only
	ON	ON	At 50,000 pts. only

4. DIFFICULTY OF THE GAME

SW	6	7	DIFFICULTY
•	OFF	OFF	EASY
	ON	OFF	NORMAL
	OFF	ON	DIFFICULT
	ON	ON	VERY DIFFICULT

5. SOUND IN ATTRACTIVE MODE

SW	8	SOUND
	OFF	OFF
•	ON	ON

DIP SWITCH NO.3 SETTINGS

1. VIDEO SCREEN FLIP

SW	1	VIDEO SCREEN (Monitor)
•	OFF	NORMAL
	ON	UPSIDE DOWN

2. CHANGE OF MODE

SW	3	MODE
•	OFF	GAME MODE
	ON	CHECK MODE

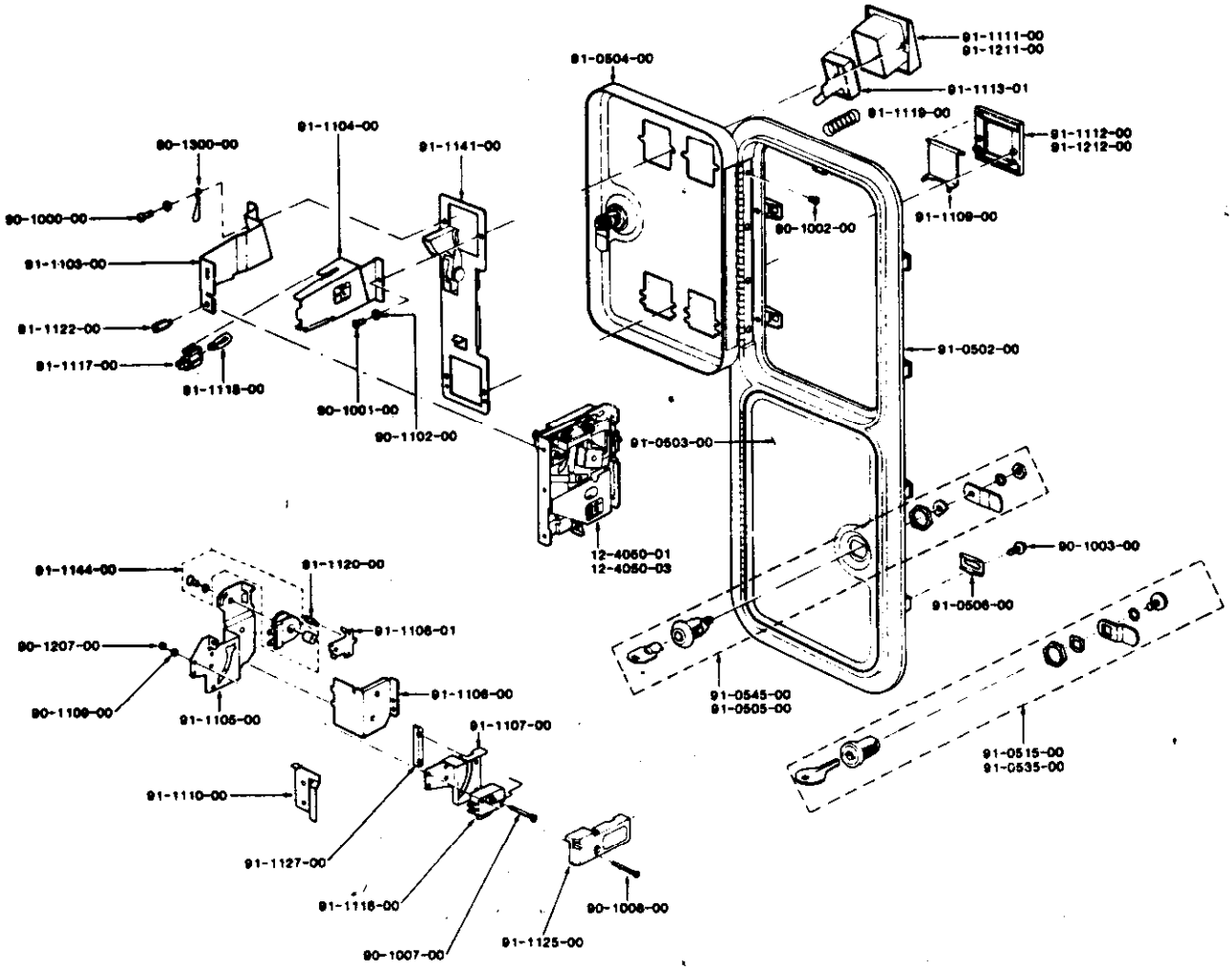
3. CONTINUATION

SW	4	1 PLAYER PLAY	2 PLAYER PLAY
	OFF	Up to 3 times	Up to twice altogether
•	ON	Up to 5 times	Up to 4 times altogether

SW2 is not used.

• Shows recommended settings

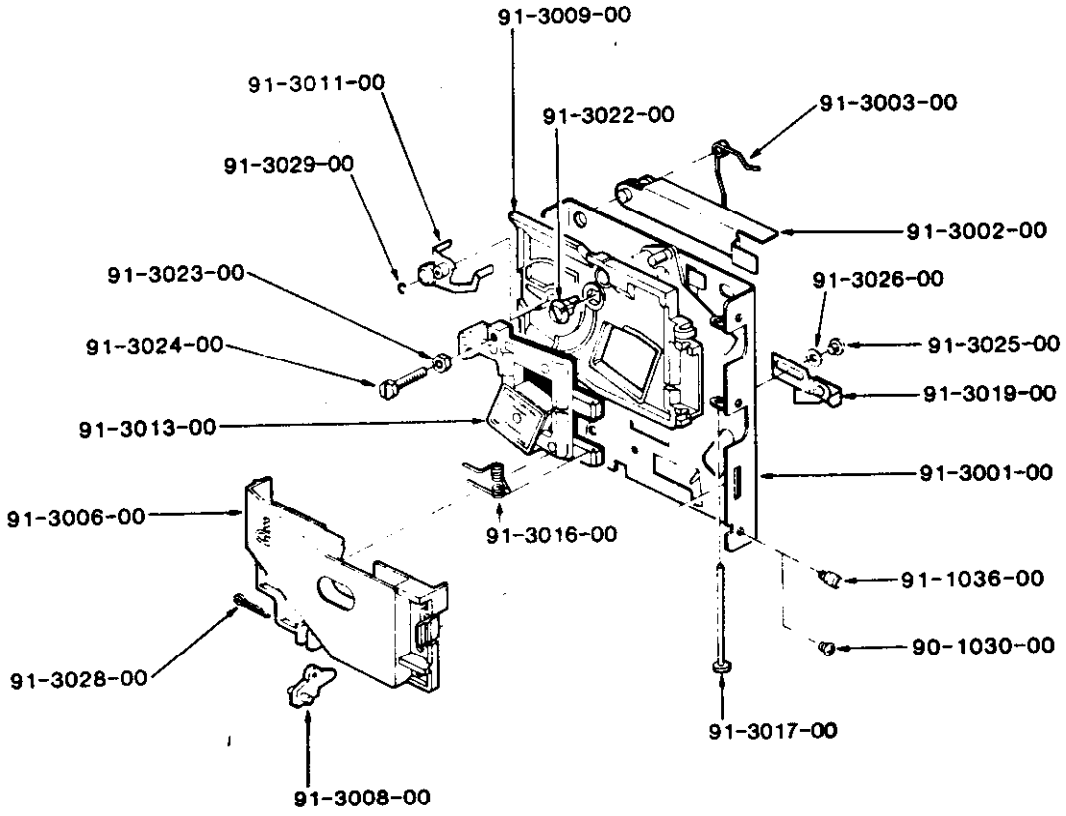
COMPLETE COIN DOOR ASSEMBLY
EXPLODED VIEW



PARTS LIST

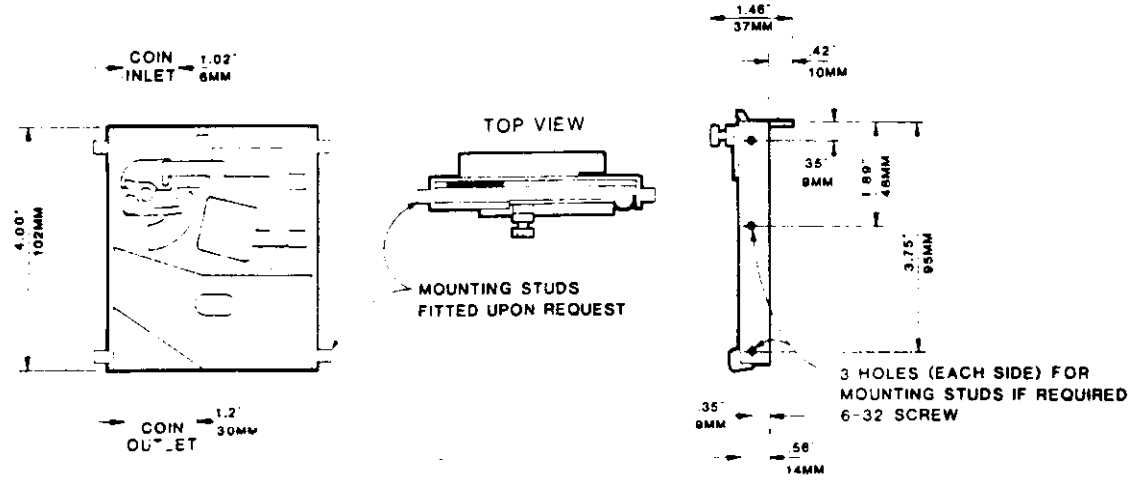
12-4050-01	S-10 Acceptor Body U.S. 25¢	90-1102-00	Washer for Bezel Screw	91-1103-00	Coin Inlet Lamp Side	91-1119-00	Buttton Spring
12-4050-03	S-10 Acceptor Body Canadian 25¢	90-1207-00	Nut for Microswitch Mounting Screw	91-1104-00	Coin Inlet Cover Side	91-1120-00	Lockout Spring
20-4177-00	Plastic Cash Box	90-1300-00	Keyhook	91-1105-00	Reject Cup Side Plate	91-1122-00	Retaining Screw for Acceptor Body
20-4179-00	Steel Enclosure	91-0502-00	Zinc Die Cast Frame	91-1106-00	Reject Cup Base Plate	91-1125-00	Clear Plastic Cover for Microswitch
22-1400-00	Locking Bar	91-0503-00	Lower Door	91-1107-00	Microswitch Bracket	91-1127-00	Plastic Switch Adjuster
24-1150-00	Wire Harness	91-0504-00	Upper Door	91-1108-01	Lockout Flap U.S. 25¢	91-1141-00	Base Plate With Pivot and Stud
90-1000-00	Keyhook Bezel Screw	91-0505-00	Round Lock and Cam Assembly	91-1109-00	Reject Flap	91-1144-00	6 Volt DC Lockout Coil Assembly
90-1001-00	Bezel Screw	91-0506-00	Clamp	91-1110-00	Metal Switch Adjuster	91-1211-00	Zinc Plated Button Bezel
90-1002-00	Hinge Screw	91-0515-00	Flat Lock and Cam Assembly	91-1111-00	Black Button Bezel	91-1212-00	Zinc Plated Reject Bezel
90-1003-00	Clamp Screw	91-0535-00	Flat Lock and Cam Assembly	91-1112-00	Black Reject Bezel		
90-1007-00	Flat Head Microswitch Mounting Screw	91-0545-00	Round Lock and Cam Assembly	91-1113-01	Entry/Reject Button U.S. 25¢		
90-1008-00	Panhead Microswitch Mounting Screw			91-1116-00	Microswitch (Black End Arm)		
				91-1117-00	Lampholder		
				91-1118-00	6 V Wedge Base Lamp		

Gold Mech
Engineering Data and Parts List



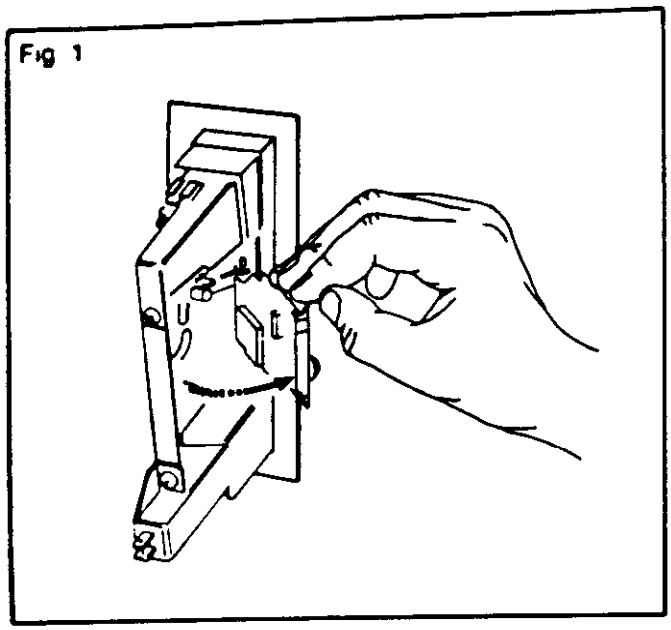
PARTS LIST

90-1030-00 Retaining Screw (#6-32"x.250")
91-1036-00 Mounting Stud
91-3001-00 Back Plate
91-3002-00 Reject Lever
91-3003-00 Reject Lever Spring
91-3006-00 Cover Plate
91-3008-00 Anti-Stringing Device
91-3009-00 Gate
91-3011-00 Cradle
91-3013-00 Magnet Holder with Magnet
91-3016-00 Gate Spring
91-3017-00 Gate Pin
91-3019-00 Separator
91-3022-00 Diameter Adjustment
91-3023-00 Locknut-Magnet Holder
91-3024-00 Screw-Magnet Holder
91-3025-00 Screw Separator
91-3026-00 Washer
91-3028-00 Cotter Pin for Anti-stringing Device
91-3029-00 E-Clip for Cradle



Gold Mech: Service Information

CLEANING and CARE of the MECHANISM



The magnet that is fitted to the mechanism, should be kept clean from foreign particles. The magnet can be cleaned by swinging the gate open. (as shown in Fig. 1.) Remove metal filings from the magnet by guiding the point of a screwdriver along the edges of the magnet, such that the filings cling to the screwdriver.

The mechanism can be cleaned by immersing in water using a small brush to clean the mechanism. Rinse the mechanism with boiling water and dry with compressed air.

Note:
Since the Gold Mech relies on coins passing the magnet at a constant speed, the rejector must be free of dirt and grease which may slow down the coins. Do not lubricate the acceptor with oil as this slows down coins.

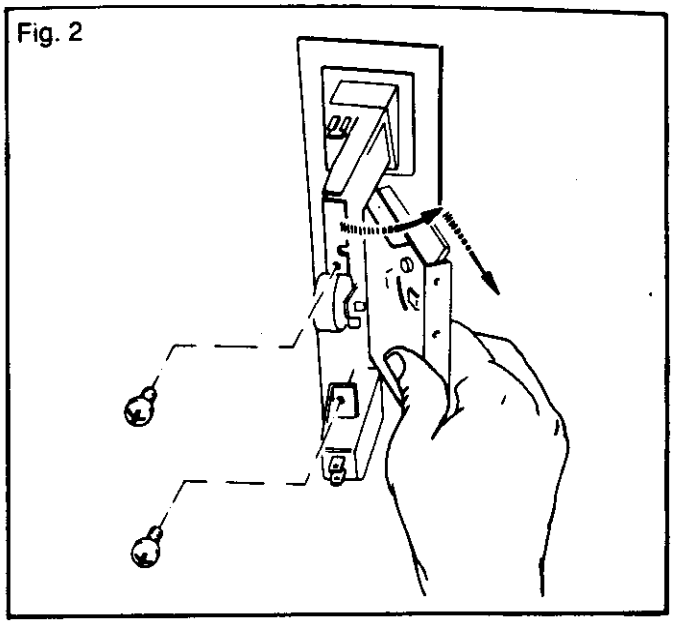
If the above procedures are not successful, check for worn, bent or damaged parts and replace where necessary.

Coin Switch

The coin switch comes in two different spring tensions—identified by the color of the plastic boss at the wire's pivot point.

Red: Light tension—U.S. 25¢

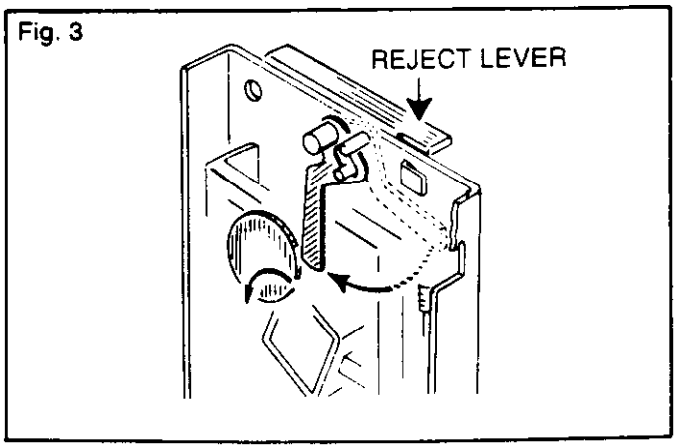
White: Heavy tension—heavy foreign coins



Removal of Mechanism

To remove the coin selector: Unscrew the two screws (as SHOWN IN Fig. 2)—swing rear of selector body away from the lock-out side and withdraw.

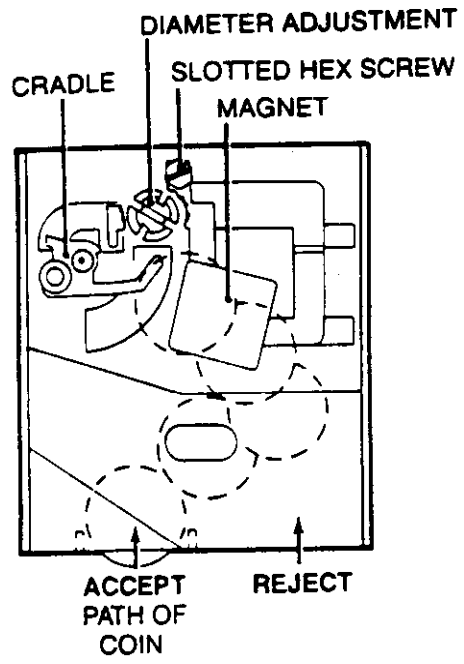
The Gold Mech Acceptors are designed to require a minimum of maintenance and field adjustment. Coins are checked by diameter and thickness, weight, metal content, bounce, and for ferromagnetic coins such as nickel and steel, a rim test is also used.



The Magnet

Coins that are too thick will fail to pass between the magnet and the backplate of the mechanism; and will be cleared by the magnet wiper when the reject lever is actuated. (Fig. 3)

Fig. 4



The first check on the coin is at the entry slot which prevents the entry of grossly oversize and bent coins. The next test is at the cradle. When the correct coin falls into the cradle, the cradle tipples and the coin is delivered to the magnet check. Under-diameter coins fall between the legs of the cradle and are returned to reject. Under-weight coins fail to tipple the cradle and can be returned to reject by pressing the reject lever.

Adjustment

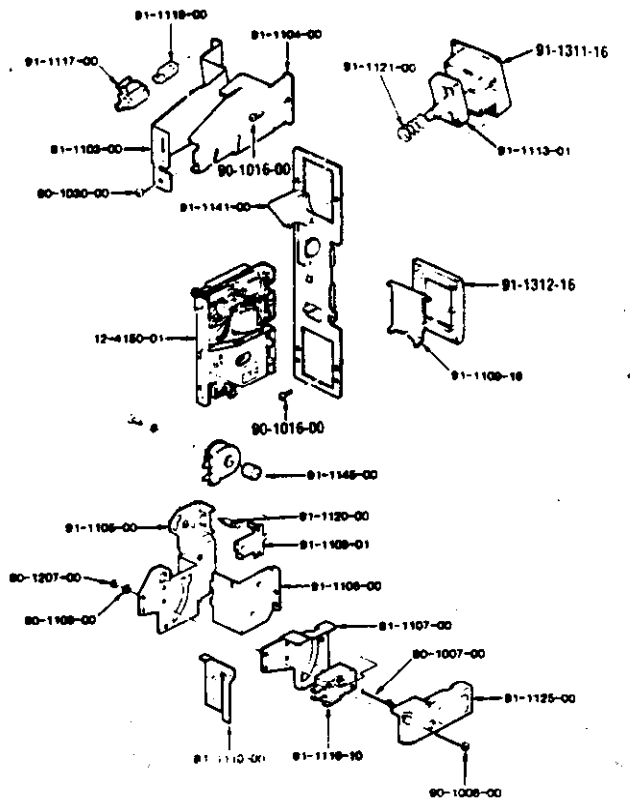
The Gold Mech Acceptors are factory adjusted for optimum performance. If more critical adjustments are desired, or if the unit has been disassembled, the following adjustment procedure is suggested. (Fig. 4)

1. Ensure that the mechanism is in an upright and level position.

2. Loosen the hex locking screw on the magnet holder and unscrew the slotted hex screw.

3. Place a true U.S. 25¢ coin in the mechansim. Turn the diameter adjustment (Fig. 4) clockwise until the coin falls into the cradle. The cradle should tipple and the coin come to rest on the side of the magnet. Turn the slotted hex screw clockwise until the coin just clears the magnet. Give this screw a further ½ turn clockwise for optimum clearance and tighten the locknut.

Base Plate Assembly for Coin Doors and Front Plates



Part Number	Description
12-4150-01	Gold Mech Acceptor
90-1000-00	Keyhook Bezel Screw
90-1007-00	Flat Head Microswitch Mounting Screw
90-1008-00	Pan Head Microswitch Mounting Screw
90-1016-00	CPJS/Bezel Screw
90-1030-00	Mounting Screw for Gold Mech
90-1032-00	Bezel/Hinge Screw PZ
90-1109-00	Lock Washer for Microswitch Assembly
90-1207-00	Nut for Microswitch Mounting Screw
91-1103-00	Coin Inlet Lamp Side
91-1104-00	Coin Inlet Cover Side
91-1105-00	Reject Cup Side Plate
91-1106-00	Reject Cup Base Plate
91-1107-00	Microswitch Bracket
91-1108-00	Lockout Flap U.S. 25¢
91-1109-16	Reject Flap
91-1110-00	Metal Switch Adjuster
91-1113-01	Entry/Reject Button U.S. 25¢
91-1116-10	Microswitch (Red End Arm)
91-1117-00	Lampholder
91-1118-00	GV Wedge Base Lamp
91-1120-00	Lockout Spring
91-1121-00	Button Spring
91-1125-00	Clear Plastic Cover for Microswitch
91-1141-00	Base Plate w/Pivot Coil
91-1145-00	12V DC Lockout Coil
91-1311-16	Black Nylon Button Bezel
91-1312-16	Black Nylon Reject Bezel

USER INFORMATION

WARNING

F.C.C. REGULATION COMPLIANCE

THIS KIT IS INTENDED FOR USE ONLY ON COIN-OPERATED VIDEO GAMES MANUFACTURED AFTER OCTOBER 1, 1983 WHICH HAVE BEEN VERIFIED FOR COMPLIANCE WITH REQUIREMENTS IN PART 15 OF F.C.C. RULES FOR A CLASS A COMPUTING DEVICE.

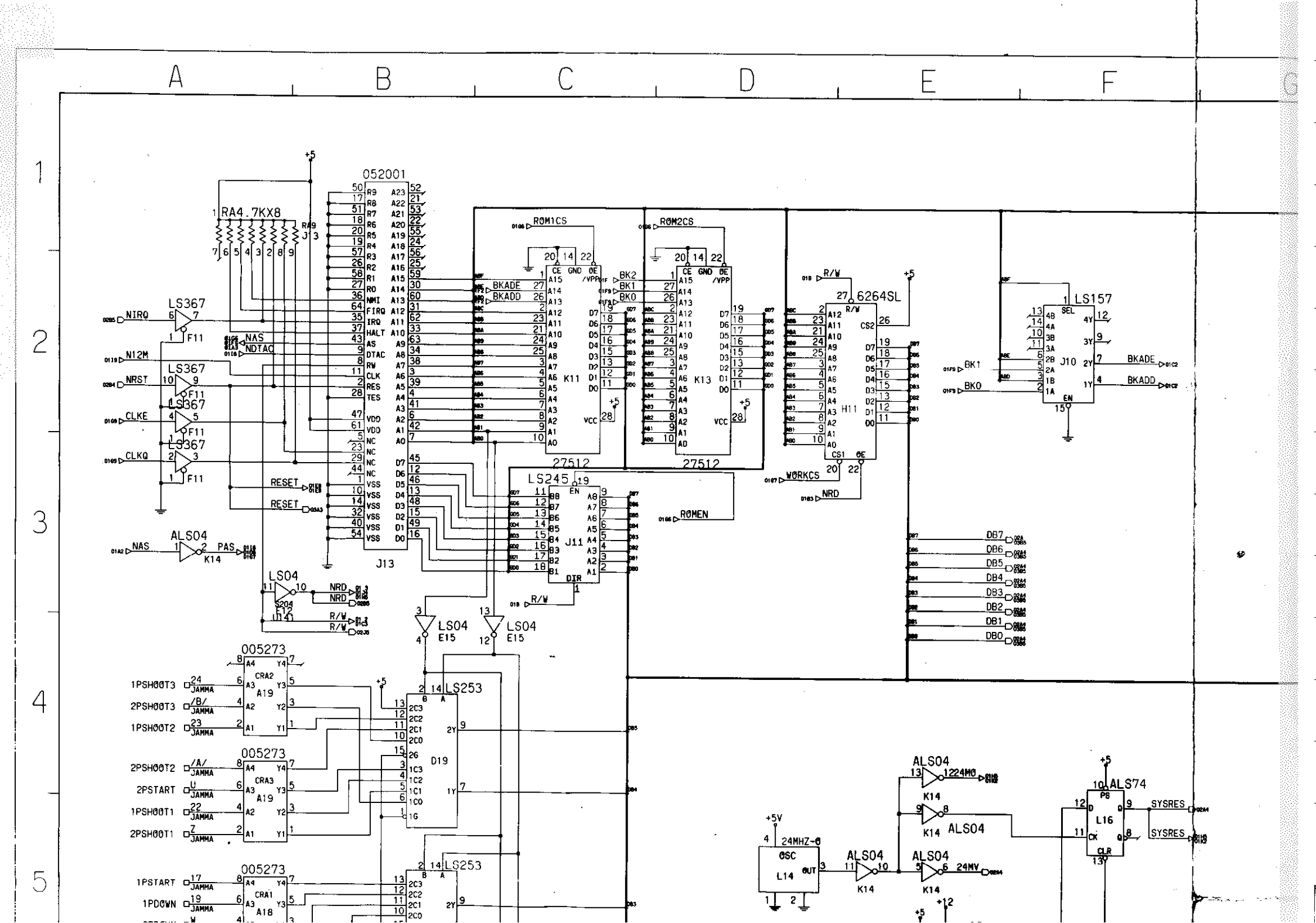
IMPROPER CONNECTION OF THIS KIT OR CONNECTION TO ANY OTHER GAME NOT SO MANUFACTURED OR VERIFIED FOR COMPLIANCE MAY CAUSE UNACCEPTABLE INTERFERENCE TO RADIO AND T.V. RECEPTION, REQUIRING THE OPERATOR TO TAKE WHATEVER STEPS ARE NECESSARY TO CORRECT THE INTERFERENCE.

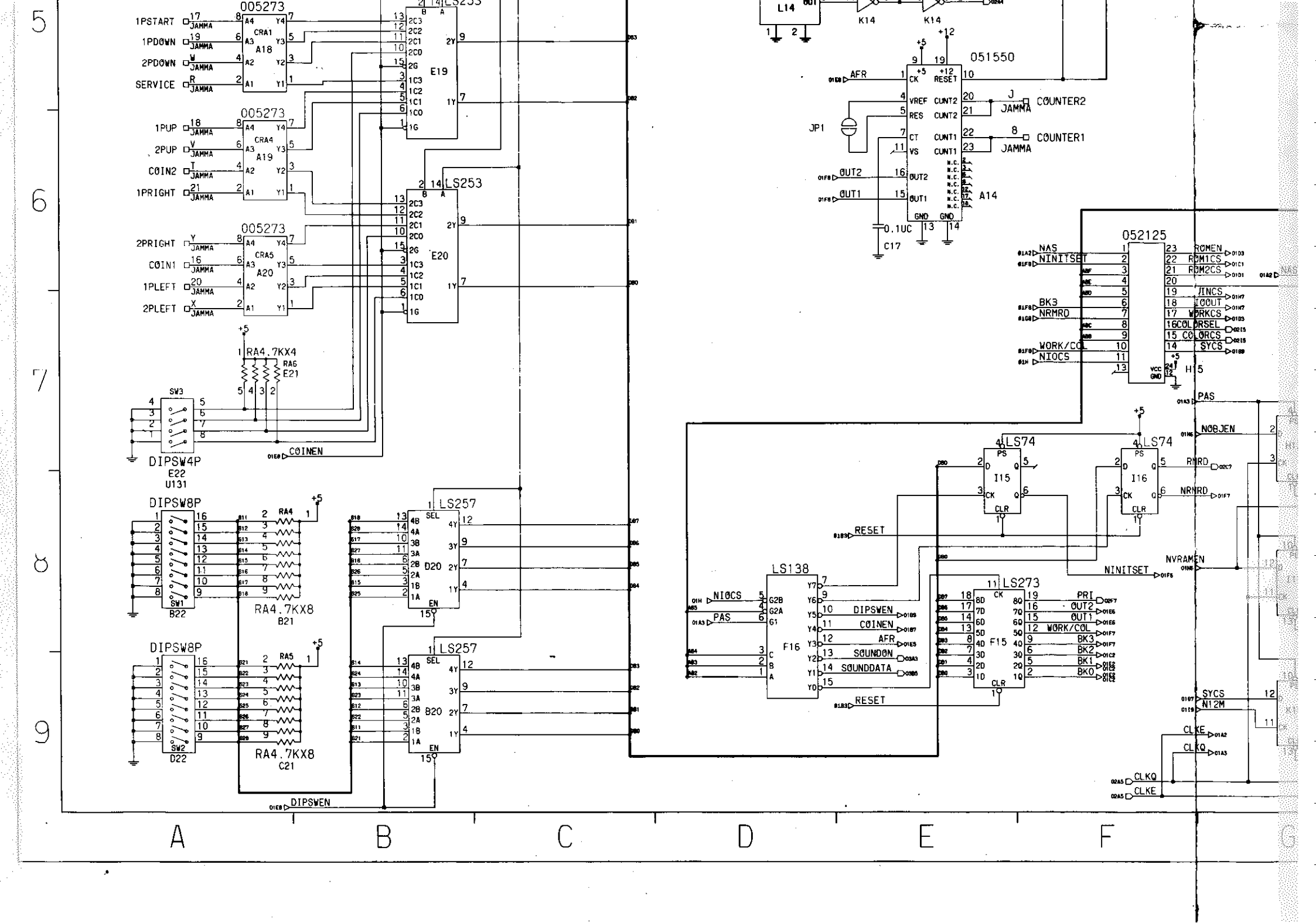
THE P.C. BOARD CAGE SUPPLIED WITH THIS CONVERSION KIT MUST BE UTILIZED AND TERMINATED TO GROUND AT THE TIME OF INSTALLATION.

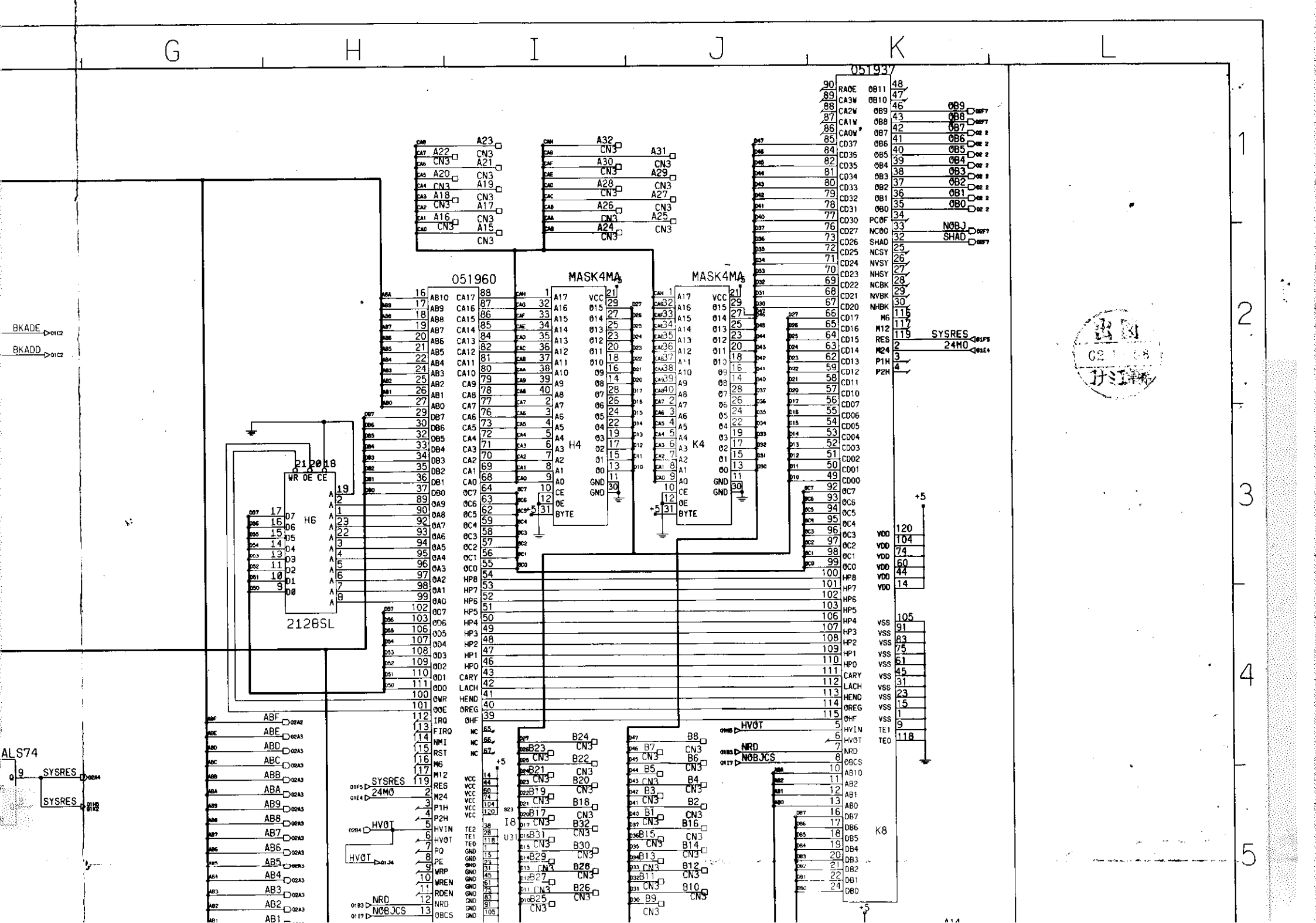
KONAMI®

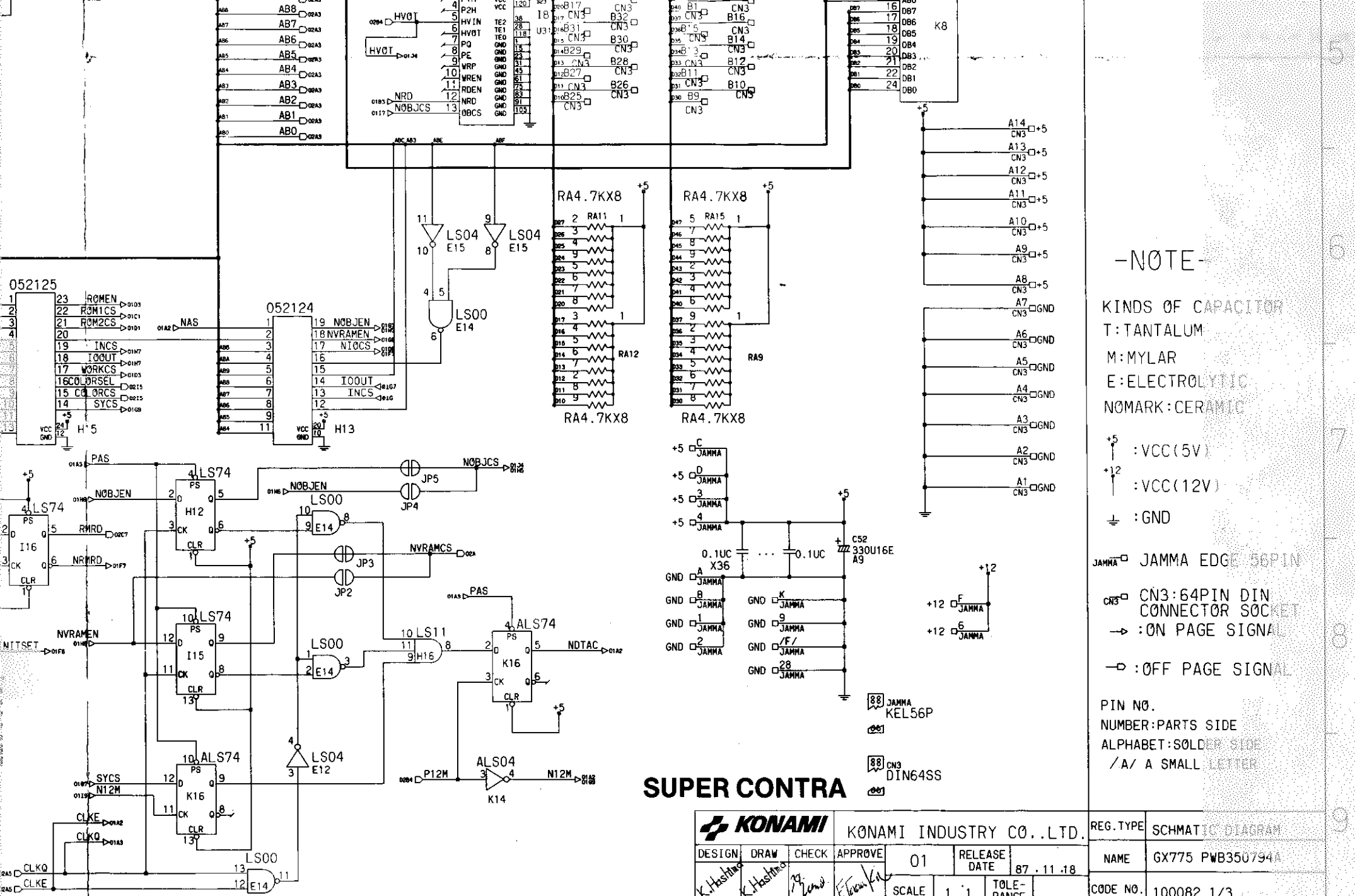
815 Mittel Drive, Wood Dale, Illinois 60191
Telephone: (312) 595-1443, Telex: 6871385 KONAM UW, Fax: (312) 595-2973

PART # 775400


A
B
C
D
E
F
1
2
3
4
5
052001
RA4.7KX8
LS367
F11
NIRQ
N12M
NRST
CLKE
CLKQ
NAS
NDTAC
RESET
ALS04
K14
LS04
E15
J13
ROM1CS
ROM2CS
BKADE
BKADD
27512
K11
K13
LS245
J11
DIR
R/W
ROMEN
6264SL
H11
WORKCS
NRD
LS157
J10
BK1
BK0
DB7
DB6
DB5
DB4
DB3
DB2
DB1
DB0
005273
CRA2
A19
CRA3
CRA1
A18
LS253
D19
1PSH00T3
2PSH00T3
1PSH00T2
2PSH00T2
2PSTART
1PSH00T1
2PSH00T1
1PSTART
1PDOWN
JAMMA
24MHZ-0
OSC
L14
1224M0
24MV
ALS74
L16
SYSRES
+5
+5V
+12


005273
CRA1
A18
1PSTART
1PDOWN
2PDOWN
SERVICE
005273
CRA4
A19
1PUP
2PUP
COIN2
1PRIGHT
005273
CRA5
A20
2PRIGHT
COIN1
1PLEFT
2PLEFT
LS253
E19
LS253
E20
RA4.7KX4
RA6
E21
SW3
DIPSW4P
E22
U131
COINEN
DIPSW8P
SW1
B22
RA4
RA4.7KX8
B21
DIPSW8P
SW2
D22
RA5
RA4.7KX8
C21
LS257
D20
LS257
B20
DIPSWEN
051550
AFR
JP1
OUT2
OUT1
0.1UC
C17
A14
COUNTER2
COUNTER1
JAMMA
052125
H15
NAS
NINITSET
BK3
NRMRD
WORK/COL
NIOCS
ROMEN
ROM1CS
ROM2CS
JINCS
IOOUT
WORKCS
16COLORSEL
16COLORCS
SYCS
PAS
LS74
I15
I16
RESET
NIOBJEN
RMRD
NRMRD
NINITSET
NVRAMEN
LS138
F16
NIOCS
PAS
DIPSWEN
COINEN
AFR
SOUNDON
SOUNDDATA
LS273
F15
PRI
OUT2
OUT1
WORK/COL
BK3
BK2
BK1
BK0
SYCS
N12M
CLKE
CLKQ


G
H
I
J
K
L
051937
051960
MASK4MA
MASK4MA
2128SL
ALS74
BKADE
BKADD
SYSRES
24M0
HVØT
NRD
NØBJCS
NØBJ
SHAD
VDD
VSS
+5
H4
K4
H6
K8
I8
U31



-NØTE-

KINDS ØF CAPACITØR
T:TANTALUM
M:MYLAR
E:ELECTRØLYTIC
NØMARK:CERAMIC

+5 :VCC(5V)
+12 :VCC(12V)
⏚ :GND

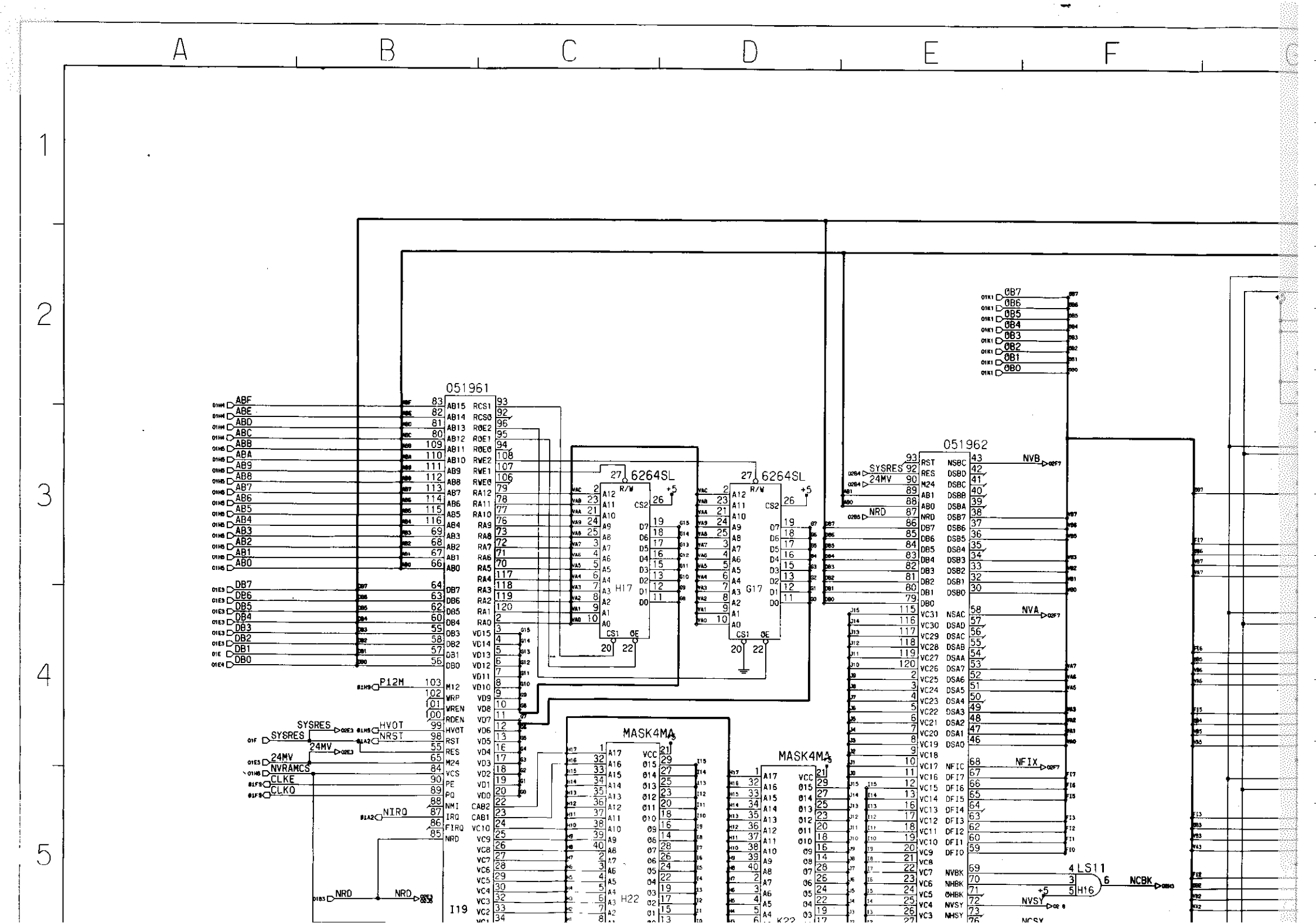
JAMMA JAMMA EDGE 56PIN
CN3 CN3:64PIN DIN CØNNECTØR SØCKET
→ :ØN PAGE SIGNAL
→ :ØFF PAGE SIGNAL

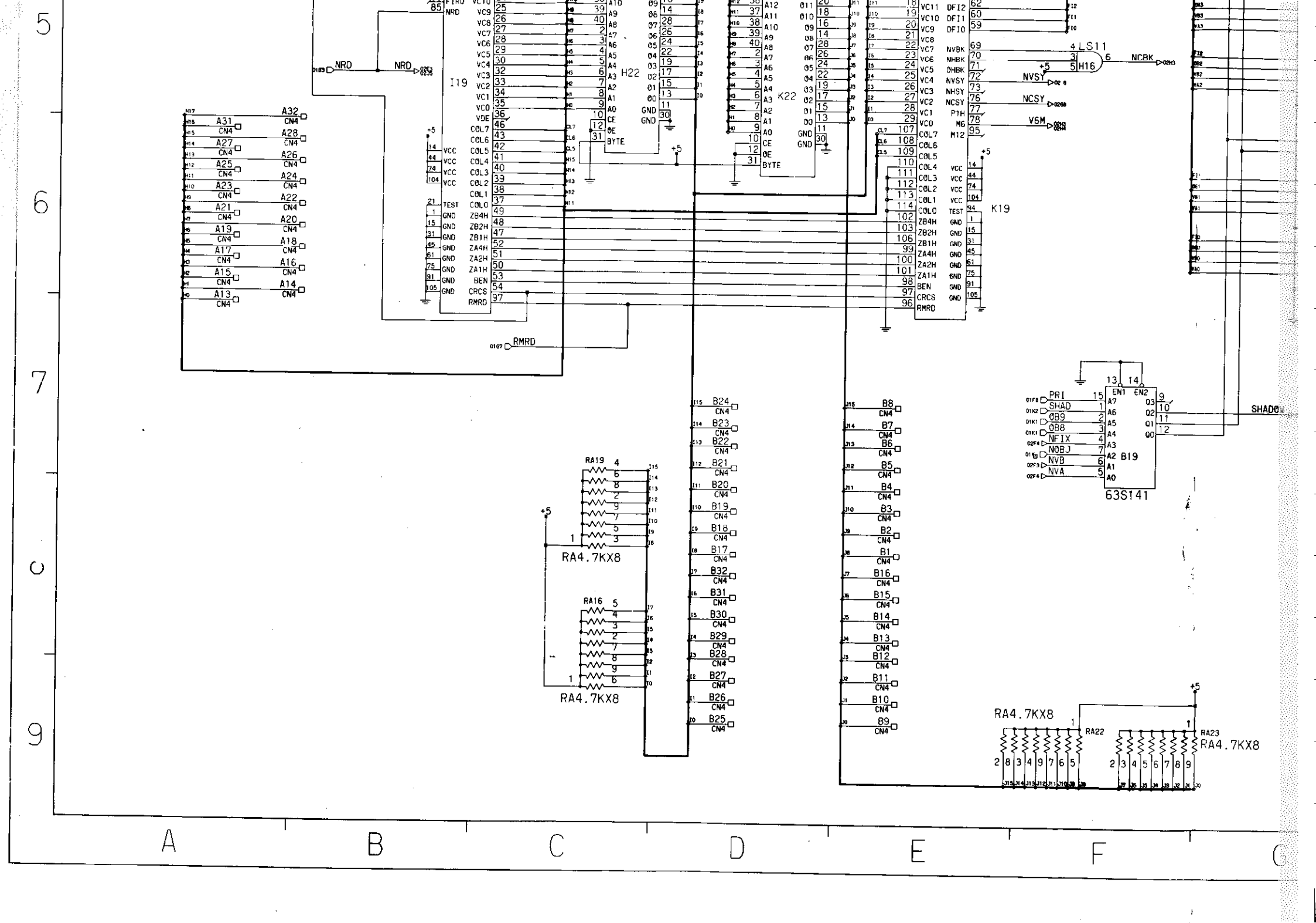
PIN NØ.
NUMBER:PARTS SIDE
ALPHABET:SØLDER SIDE
/A/ A SMALL LETTER

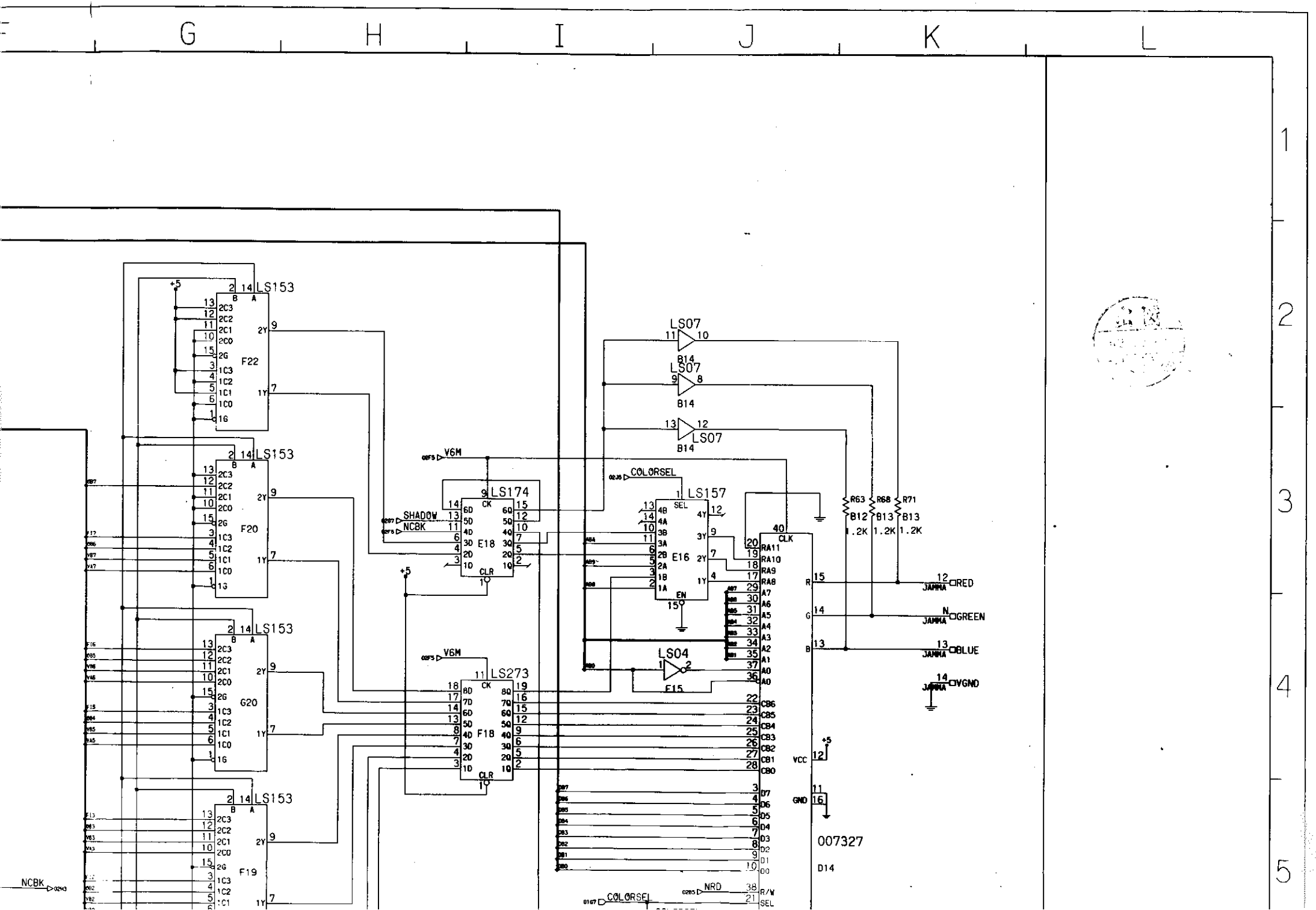
SUPER CONTRA

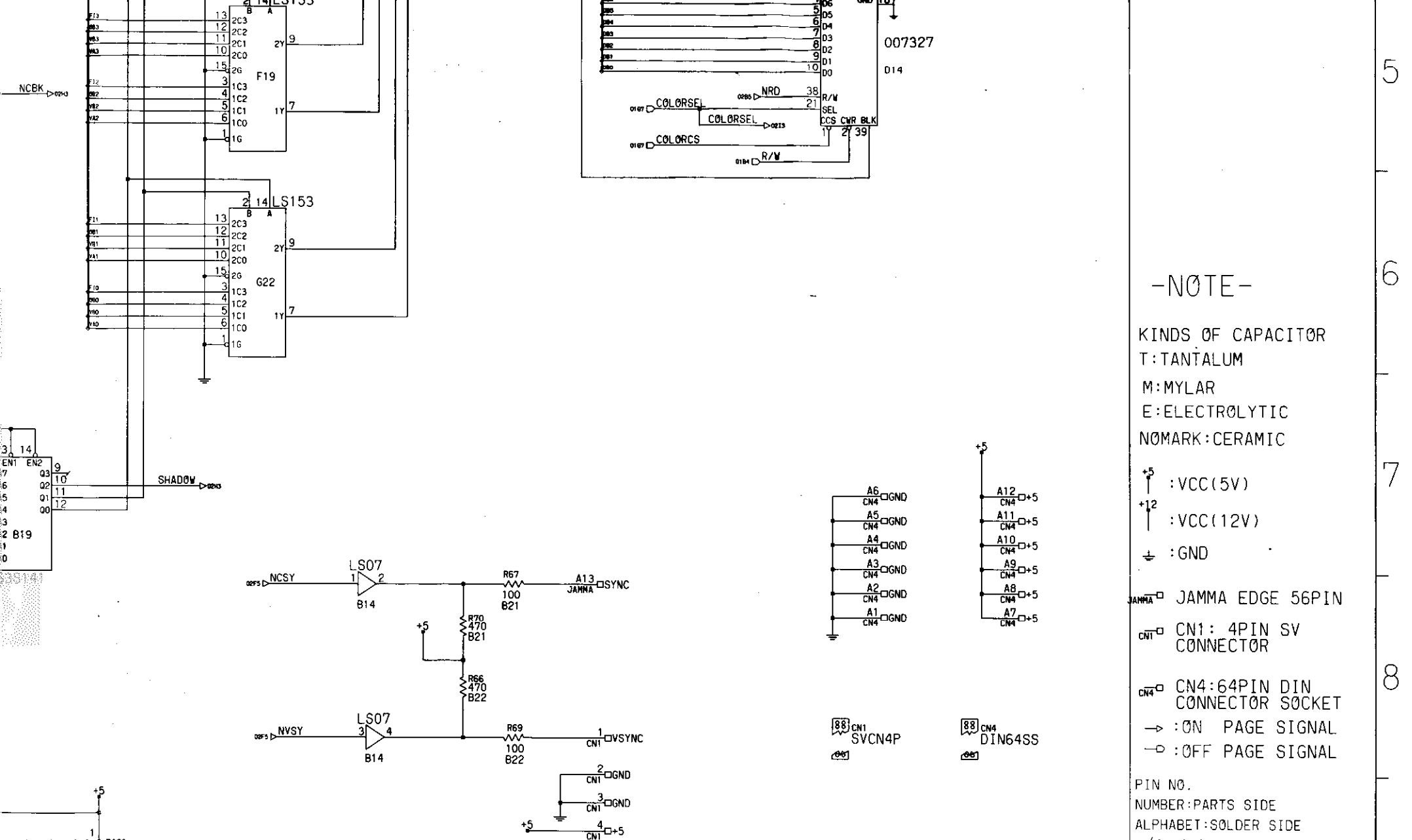
KONAMI	KØNAMI INDUSTRY CØ..LTD.					REG.TYPE	SCHMATIC DIAGRAM
DESIGN	DRAW	CHECK	APPRØVE	01	RELEASE DATE 87.11.18	NAME	GX775 PWB350794A
K.Hashimo	K.Hashimo			SCALE 1 :1	TØLE-RANCE	CØDE NØ.	100082 1/3

G H I J K L


A
B
C
D
E
F
1
2
3
4
5
051961
051962
6264SL
6264SL
MASK4MA
MASK4MA
H17
G17
H22
I19
4 LS11
H16
ABF
ABE
ABD
ABC
ABB
ABA
AB9
AB8
AB7
AB6
AB5
AB4
AB3
AB2
AB1
AB0
DB7
DB6
DB5
DB4
DB3
DB2
DB1
DB0
P12M
SYSRES
HVOT
NRST
24MV
NVRAMCS
CLKE
CLKQ
NIRQ
NRD
NVB
NVA
NFIX
NVSY
NCBK
0B7
0B6
0B5
0B4
0B3
0B2
0B1
0B0


NRD
RMRD
I19
H22
K22
K19
LS11
H16
NCBK
NVSY
NCSY
V6M
SHAD0
63S141
PRI
SHAD
088
NFIX
NOBJ
NVB
NVA
RA4.7KX8
RA19
RA16
RA22
RA23
A31
A32
A28
A27
A26
A25
A24
A23
A22
A21
A20
A19
A18
A17
A16
A15
A14
A13
B24
B23
B22
B21
B20
B19
B18
B17
B32
B31
B30
B29
B28
B27
B26
B25
B8
B7
B6
B5
B4
B3
B2
B1
B16
B15
B14
B13
B12
B11
B10
B9


G
H
I
J
K
L
1
2
3
4
5
LS153
F22
F20
G20
F19
LS174
E18
LS273
F18
LS157
E16
LS07
B14
LS04
F15
R63
R68
R71
B12
B13
1.2K
V6M
COLORSEL
SHADOW
NCBK
CLK
SEL
EN
CLR
RA11
RA10
RA9
RA8
CB6
CB5
CB4
CB3
CB2
CB1
CB0
D7
D6
D5
D4
D3
D2
D1
D0
R/W
NRD
VCC
GND
RED
GREEN
BLUE
VGND
JAMMA
007327
D14



-NOTE-

KINDS OF CAPACITOR
T:TANTALUM
M:MYLAR
E:ELECTROLYTIC
NOMARK:CERAMIC

+5 :VCC(5V)
+12 :VCC(12V)
⏚ :GND

JAMMA JAMMA EDGE 56PIN

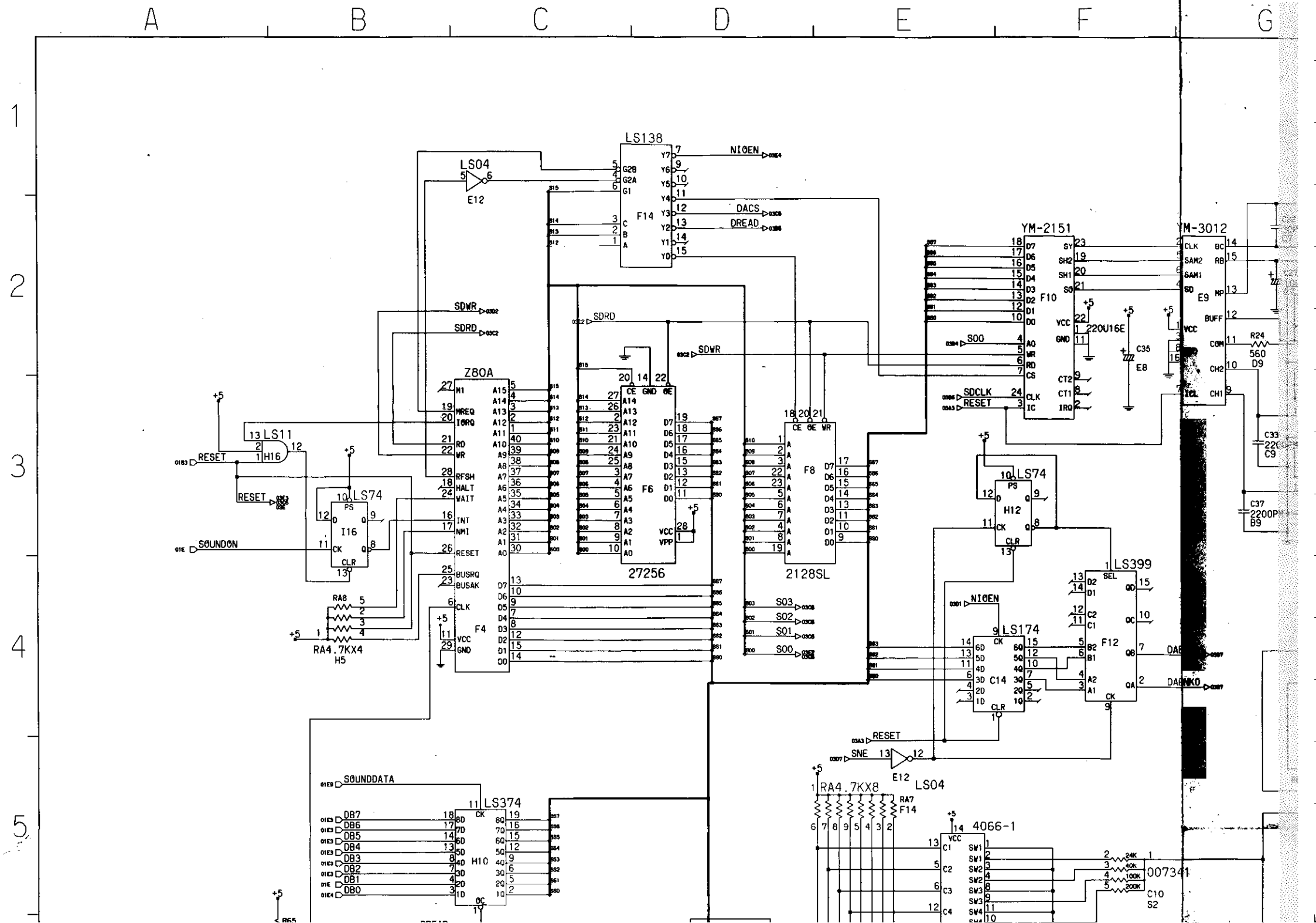
CN1 CN1: 4PIN SV CONNECTOR

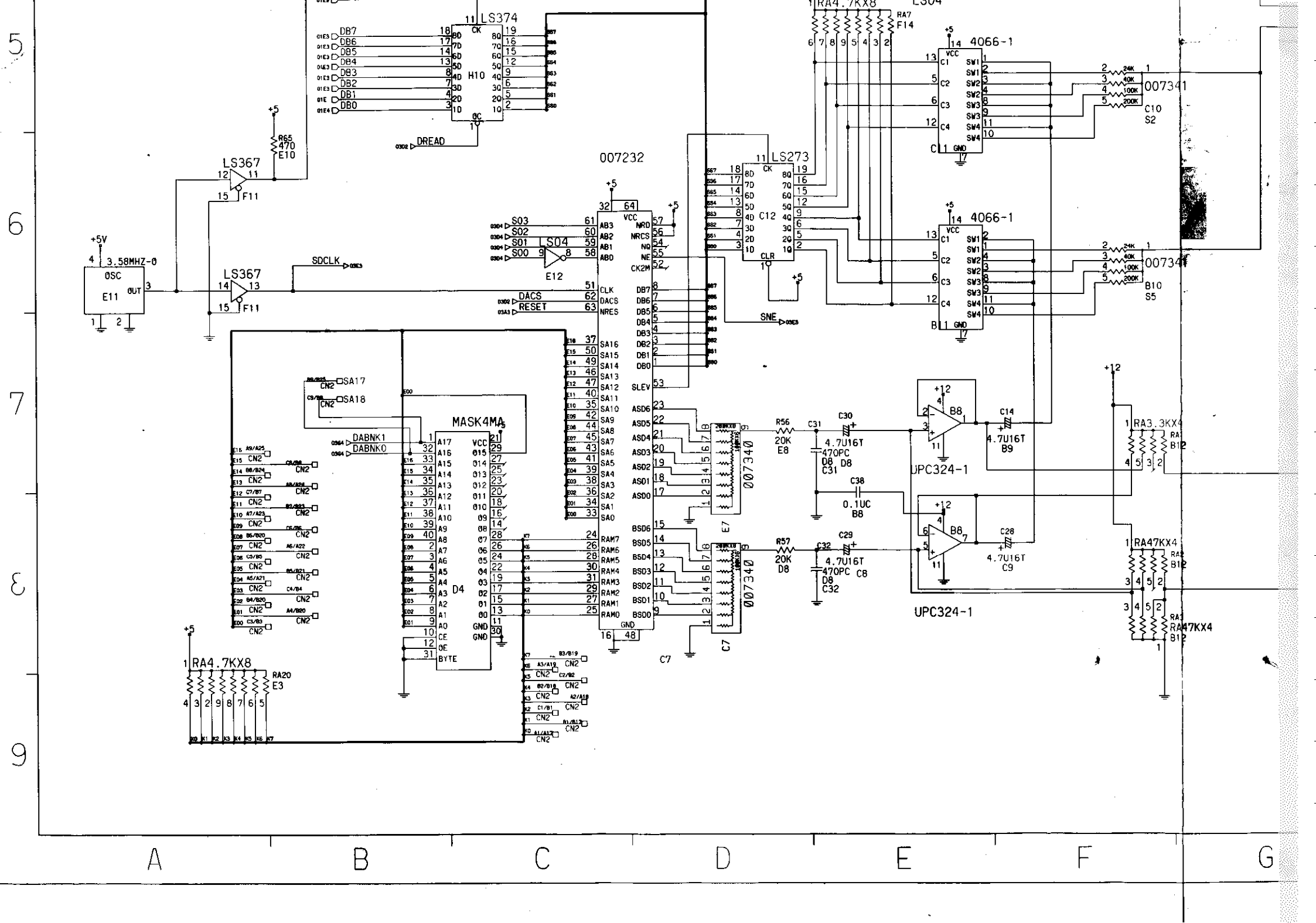
CN4 CN4:64PIN DIN CONNECTOR SOCKET

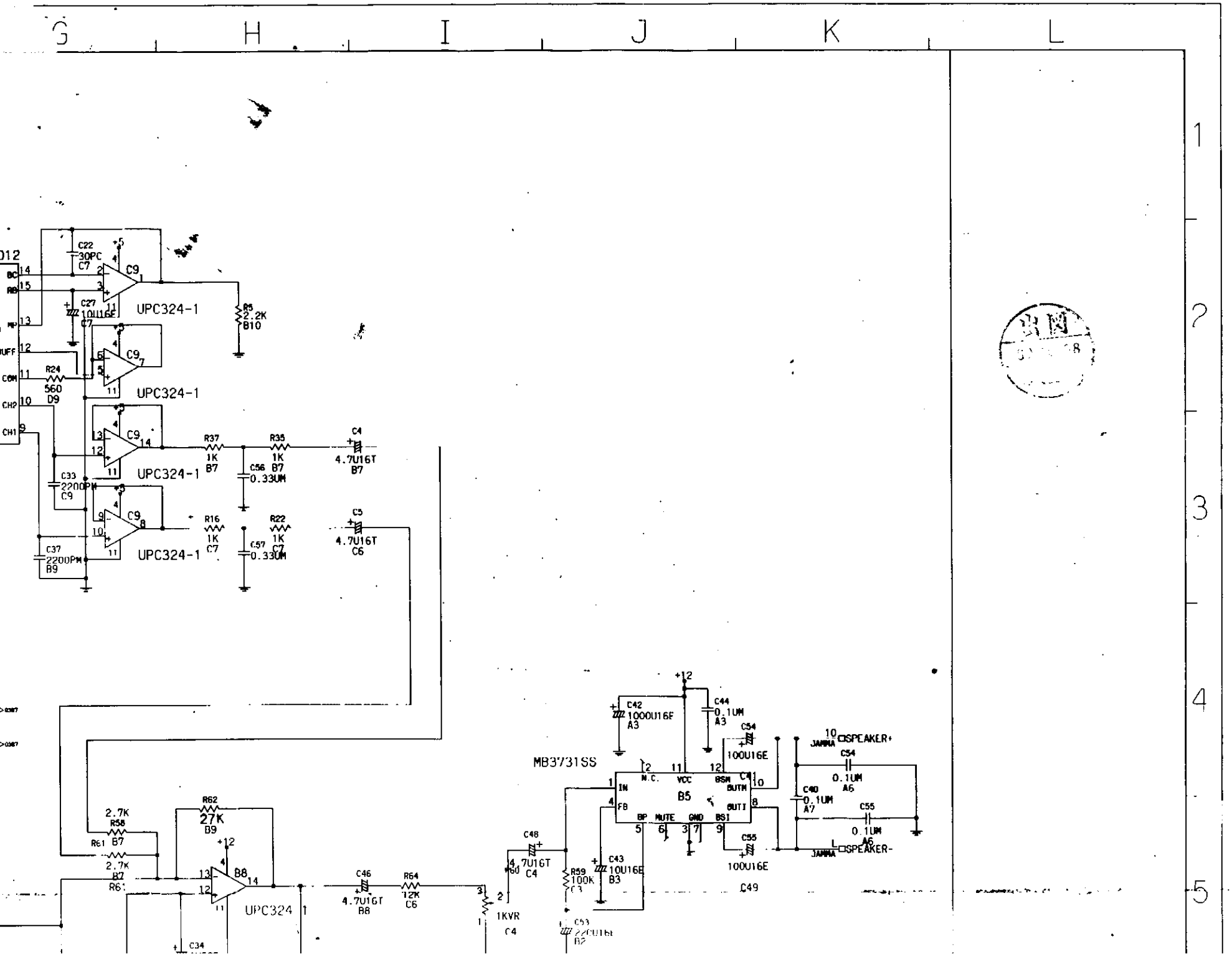
→ :ON PAGE SIGNAL
→ :OFF PAGE SIGNAL

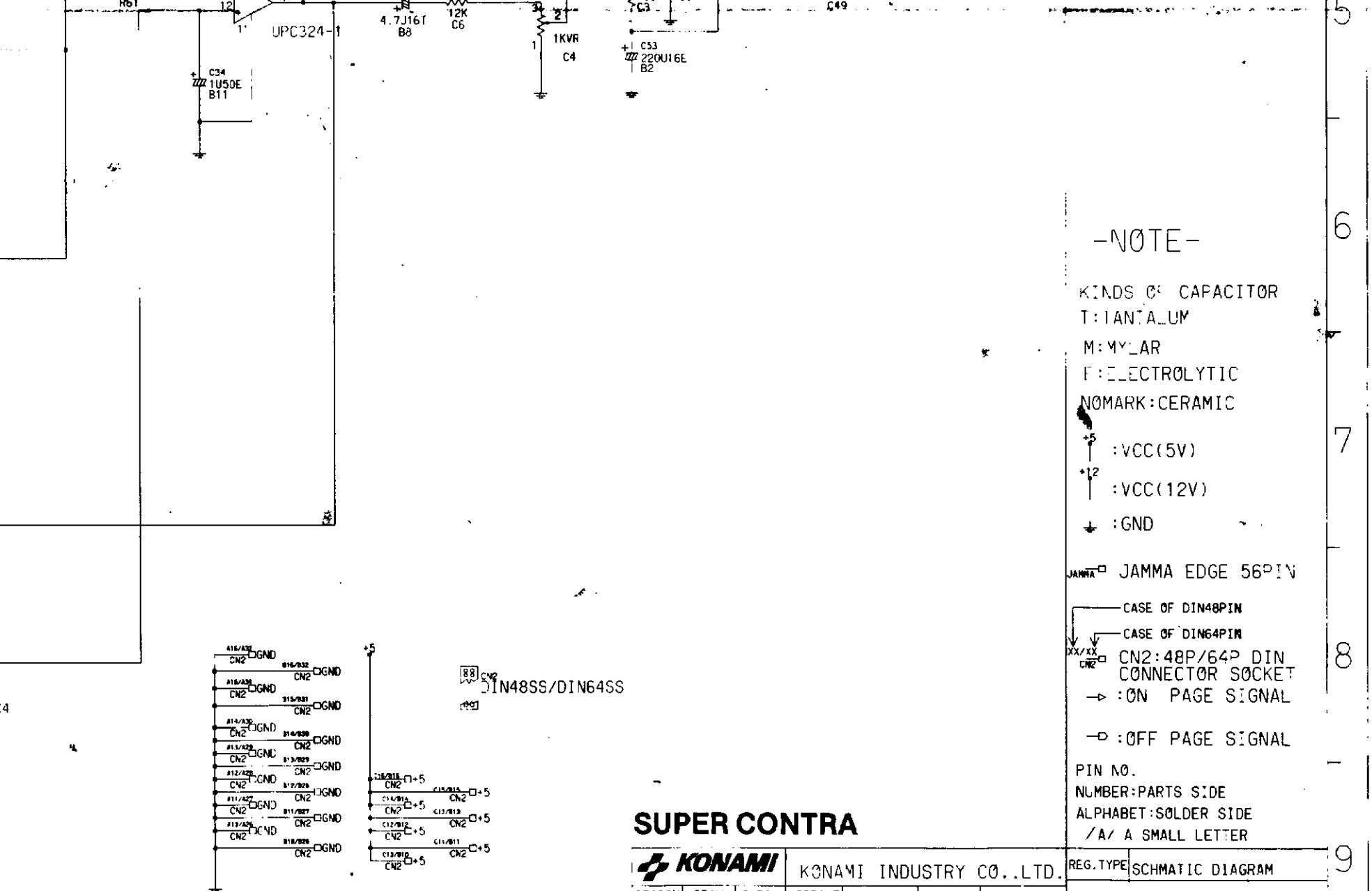
PIN NO.
NUMBER:PARTS SIDE
ALPHABET:SOLDER SIDE
/A/ A SMALL LETTER

KONAMI	KONAMI INDUSTRY CO..LTD.					REG.TYPE	SCHMATIC DIAGRAM
DESIGN	DRAW	CHECK	APPROVE	02	RELEASE DATE 87.11.18	NAME	GX775 PWB350794A
K.Hashima	K.Hashima			SCALE 1 : 1	TOLERANCE	CODE NO.	100082 2/3


A
B
C
D
E
F
G
1
2
3
4
5
LS138
F14
G2B
G2A
G1
C
B
A
Y7
Y6
Y5
Y4
Y3
Y2
Y1
Y0
NIØEN
DACS
DREAD
LS04
E12
SDWR
SDRD
Z80A
M1
MREQ
IØRQ
RD
WR
RFSH
HALT
WAIT
INT
NMI
RESET
BUSRQ
BUSAK
CLK
VCC
GND
A15
A14
A13
A12
A11
A10
A9
A8
A7
A6
A5
A4
A3
A2
A1
A0
D7
D6
D5
D4
D3
D2
D1
D0
F4
F6
27256
CE
GND
OE
VPP
F8
2128SL
WR
SØ3
SØ2
SØ1
SØ0
YM-2151
F10
D7
D6
D5
D4
D3
D2
D1
D0
SY
SH2
SH1
SG
A0
WR
RD
CS
CT2
CT1
IRQ
CLK
IC
SØ0
SDCLK
RESET
220U16E
C35
E8
YM-3012
E9
SAM2
SAM1
SD
MP
BUFF
CGM
CH2
CH1
R24
560
D9
C33
C9
C37
2200P
B9
LS11
H16
I16
H12
LS74
PS
CK
CLR
SØUNDØN
RA8
RA4.7KX4
H5
LS399
F12
SEL
LS174
C14
NIØEN
SNE
SØUNDDATA
LS374
H10
DB7
DB6
DB5
DB4
DB3
DB2
DB1
DB0
RA4.7KX8
RA7
F14
4066-1
007341
C10
S2
24K
40K
100K
200K


LS374
H10
DB7
DB6
DB5
DB4
DB3
DB2
DB1
DB0
DREAD
R65
470
E10
LS367
F11
3.58MHZ-0
OSC
E11
SDCLK
007232
S03
S02
S01
S04
S00
E12
DACS
RESET
SNE
LS273
C12
CLR
RA4.7KX8
RA7
F14
4066-1
007341
C10
S2
B10
S5
SA17
SA18
DABNK1
DABNK0
MASK4MA
D4
RA20
E3
007340
E7
C7
R56
20K
E8
R57
20K
D8
C30
C31
C32
C38
0.1UC
B8
4.7U16T
470PC
D8
C8
C9
C14
B9
UPC324-1
RA3.3KX4
RA47KX4
B12


G
H
I
J
K
L
1
2
3
4
5
UPC324-1
UPC324-1
UPC324-1
UPC324-1
UPC324
MB3731SS
C22
30PC
C7
C27
10U16E
R5
2.2K
B10
R24
560
D9
R37
1K
B7
R35
1K
C4
4.7U16T
B7
C56
0.33UM
C33
2200PM
C9
R16
1K
C7
R22
1K
C7
C5
4.7U16T
C6
C57
0.33UM
C37
2200PM
B9
R62
27K
B9
2.7K
R58
B7
R61
2.7K
B7
R61
C46
4.7U16T
B8
R64
12K
C6
C34
1KVR
C4
C48
4.7U16T
C4
R59
100K
C3
C43
10U16E
B3
C53
220U16E
B2
C42
1000U16F
A3
C44
0.1UM
A3
C54
100U16E
C55
100U16E
C49
C54
0.1UM
A6
C40
0.1UM
A7
C55
0.1UM
A6
10
JAMMA
SPEAKER+
L
JAMMA
SPEAKER-
+12
N.C.
VCC
BSM
BUTM
BUTI
IN
FB
BP
MUTE
GND
BSI
B5



-NØTE-

KINDS ØF CAPACITØR
T:TANTALUM
M:MYLAR
E:ELECTRØLYTIC
NØMARK:CERAMIC

+5 :VCC(5V)

+12 :VCC(12V)

:GND

JAMMA JAMMA EDGE 56PIN

CASE ØF DIN48PIN

CASE ØF DIN64PIN

XX/XX CN2 CN2:48P/64P DIN CØNNECTØR SØCKET

→ :ØN PAGE SIGNAL

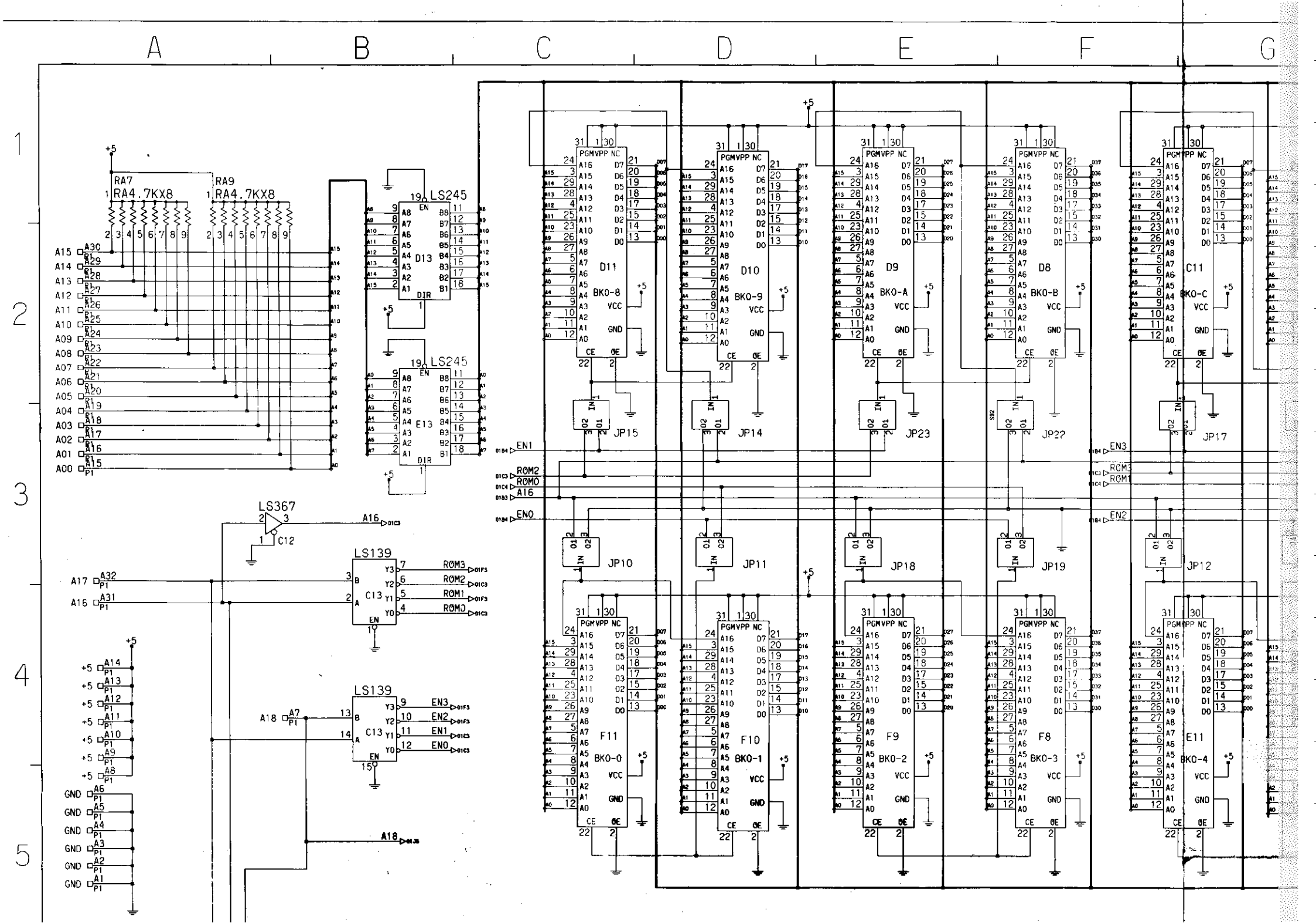
→ :ØFF PAGE SIGNAL

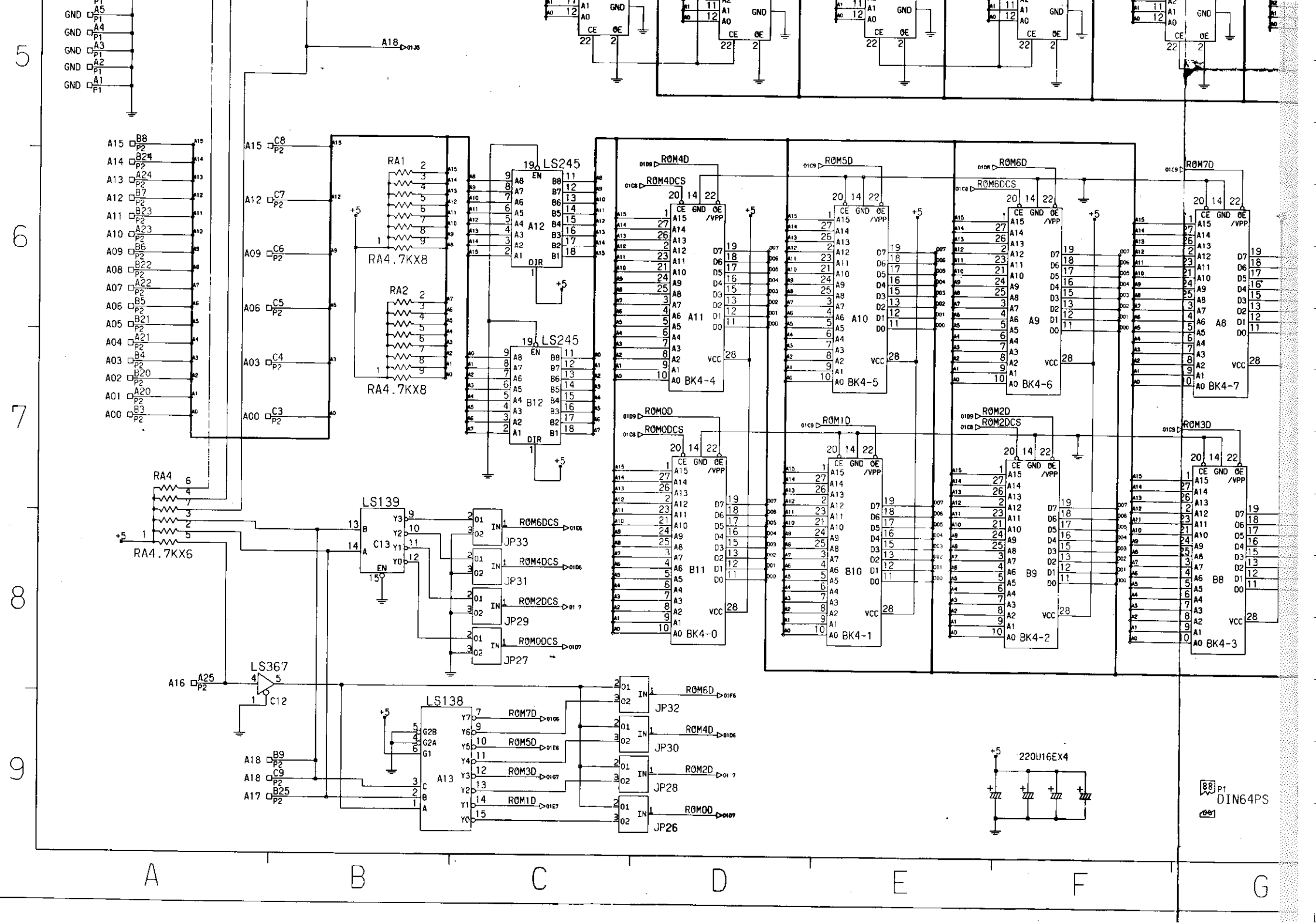
PIN NØ.
NUMBER:PARTS SIDE
ALPHABET:SØLDER SIDE
/A/ A SMALL LETTER

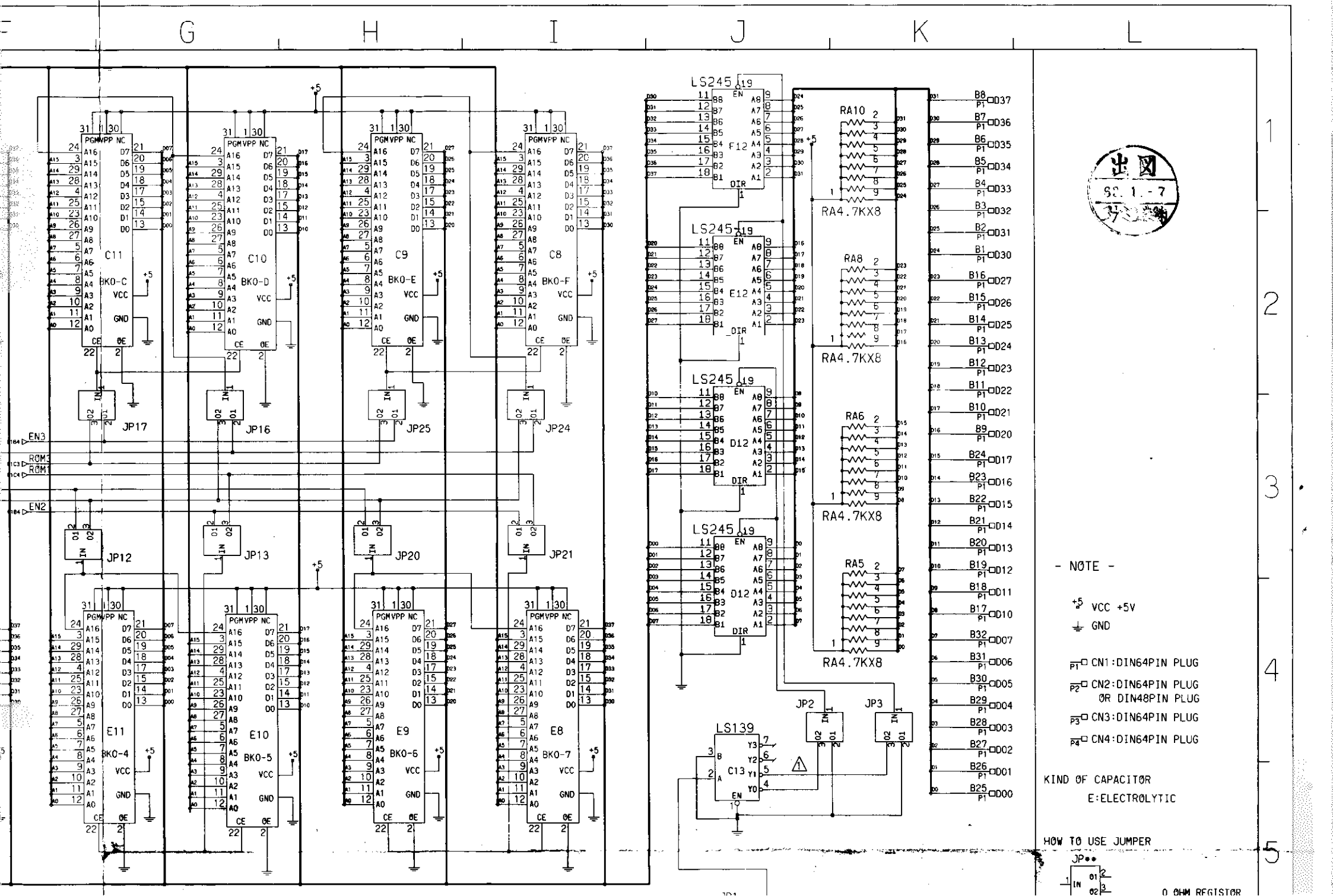
SUPER CONTRA

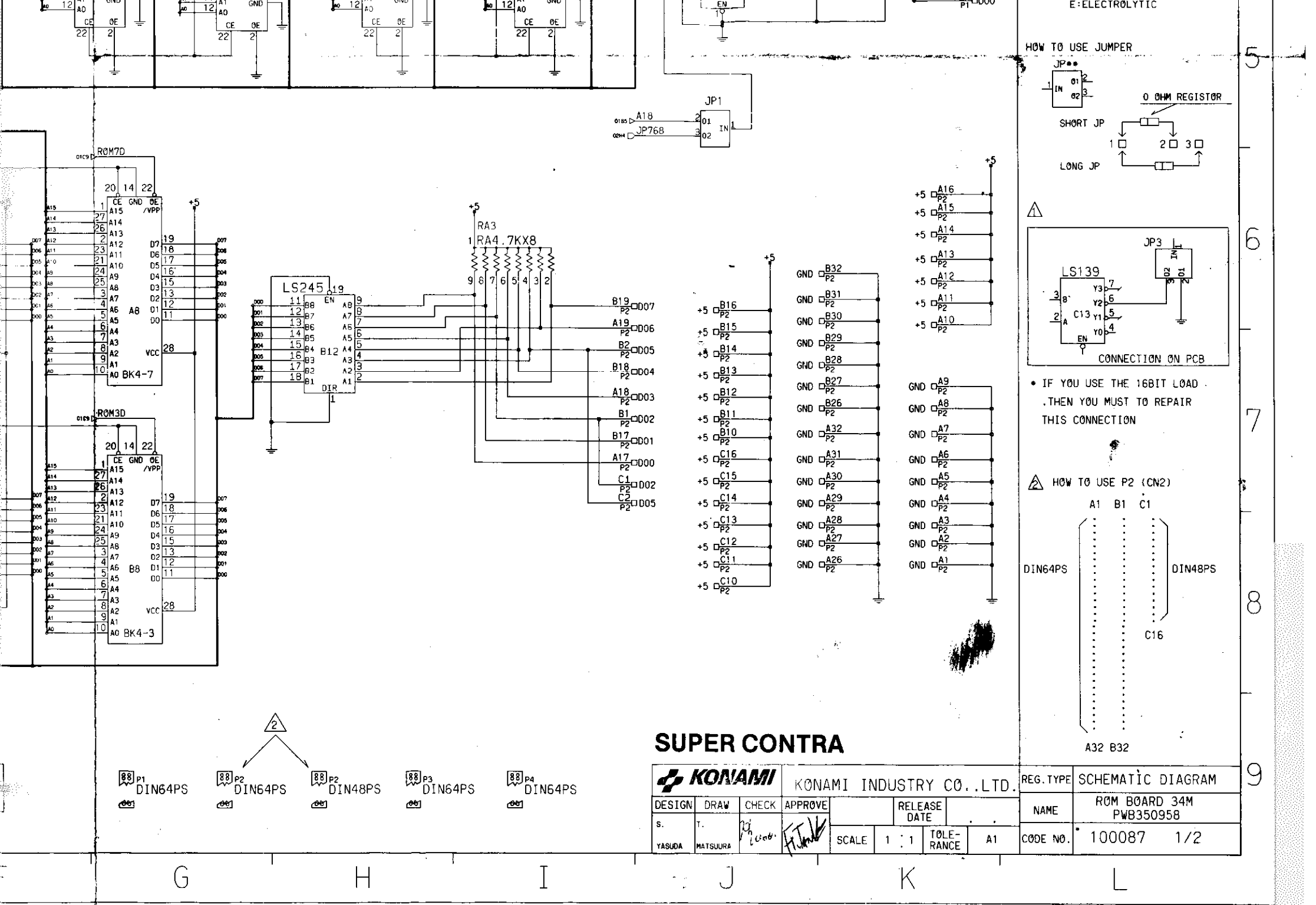
KONAMI	KØNAMI INDUSTRY CØ..LTD.					REG.TYPE	SCHMATIC DIAGRAM
DESIGN	DRAW	CHECK	APPROVE	03	RELEASE DATE 87.11.18	NAME	GX775 PWB350794A
K.Hashimoto	K.Hashimoto			SCALE 1 :1	TØLERANCE	CØDE NØ.	100082 3/3

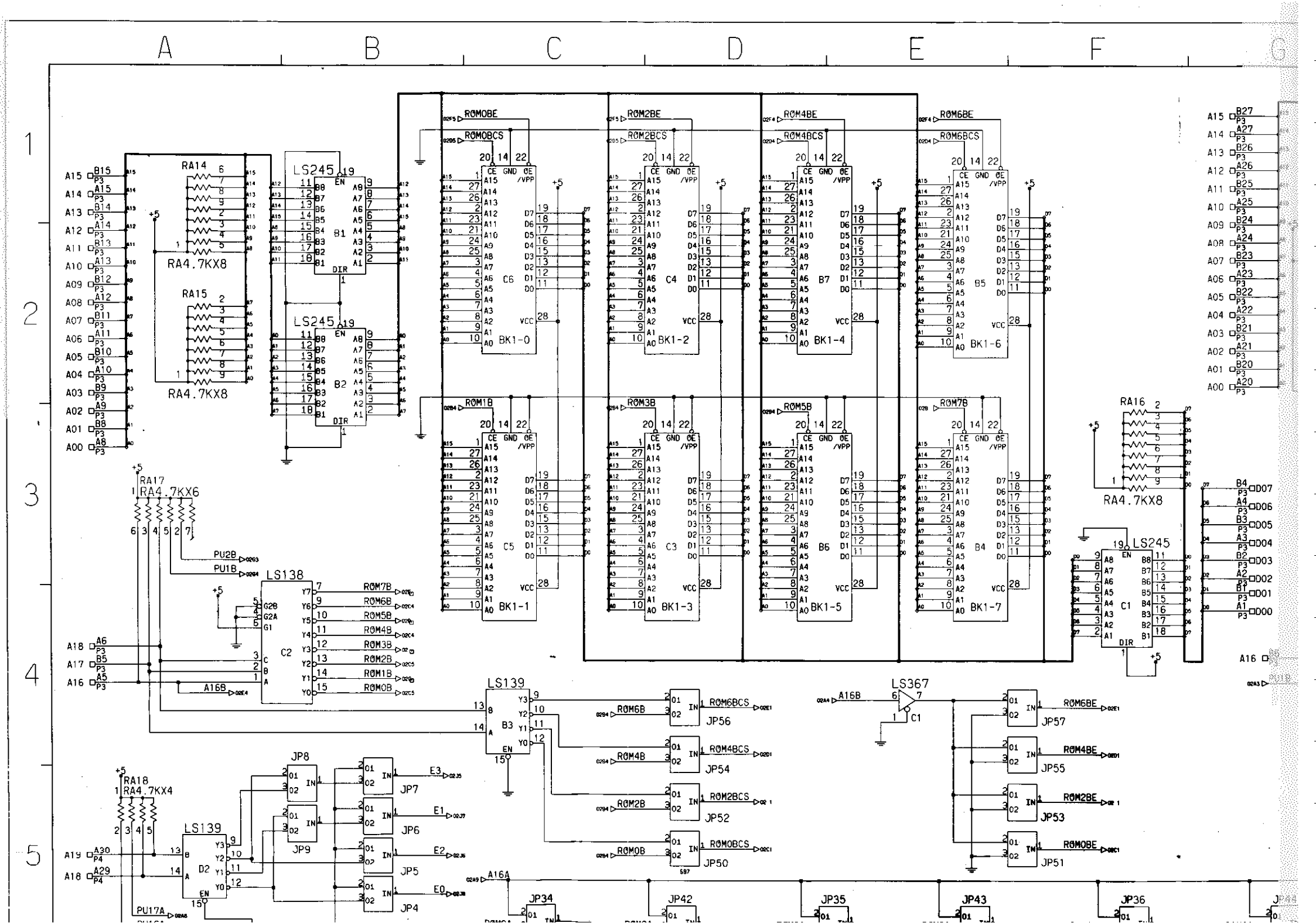
G H I J K L

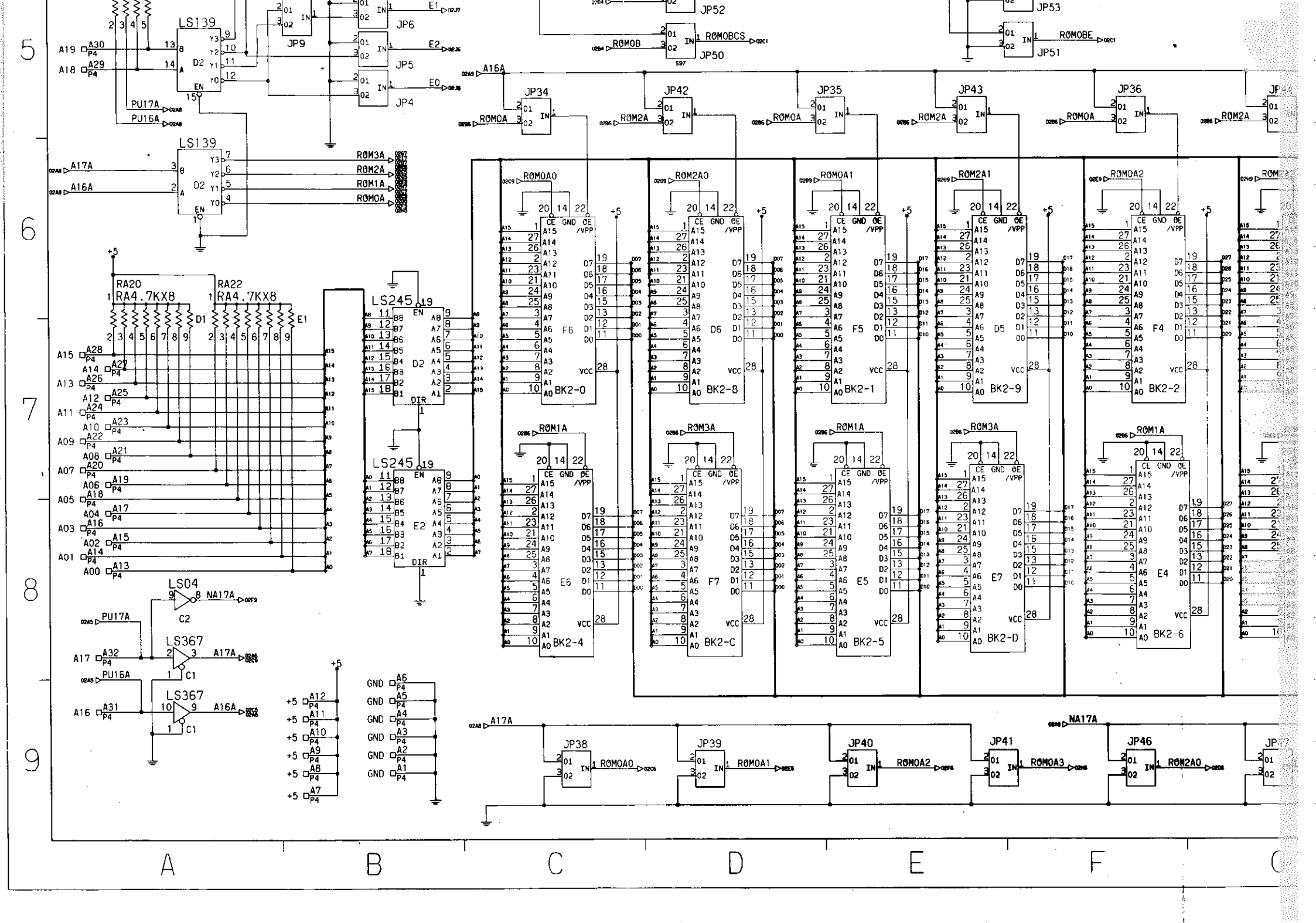

A B C D E F G
1 2 3 4 5
RA7
RA4.7KX8
RA9
RA4.7KX8
LS245
D13
LS245
E13
DIR
LS367
C12
LS139
C13
LS139
C13
ROM3
ROM2
ROM1
ROM0
EN3
EN2
EN1
EN0
A16
A18
JP15
JP14
JP23
JP22
JP17
JP10
JP11
JP18
JP19
JP12
D11
D10
D9
D8
C11
F11
F10
F9
F8
E11
BK0-8
BK0-9
BK0-A
BK0-B
BK0-C
BK0-0
BK0-1
BK0-2
BK0-3
BK0-4
PGMVPP NC
VCC
GND
CE
OE

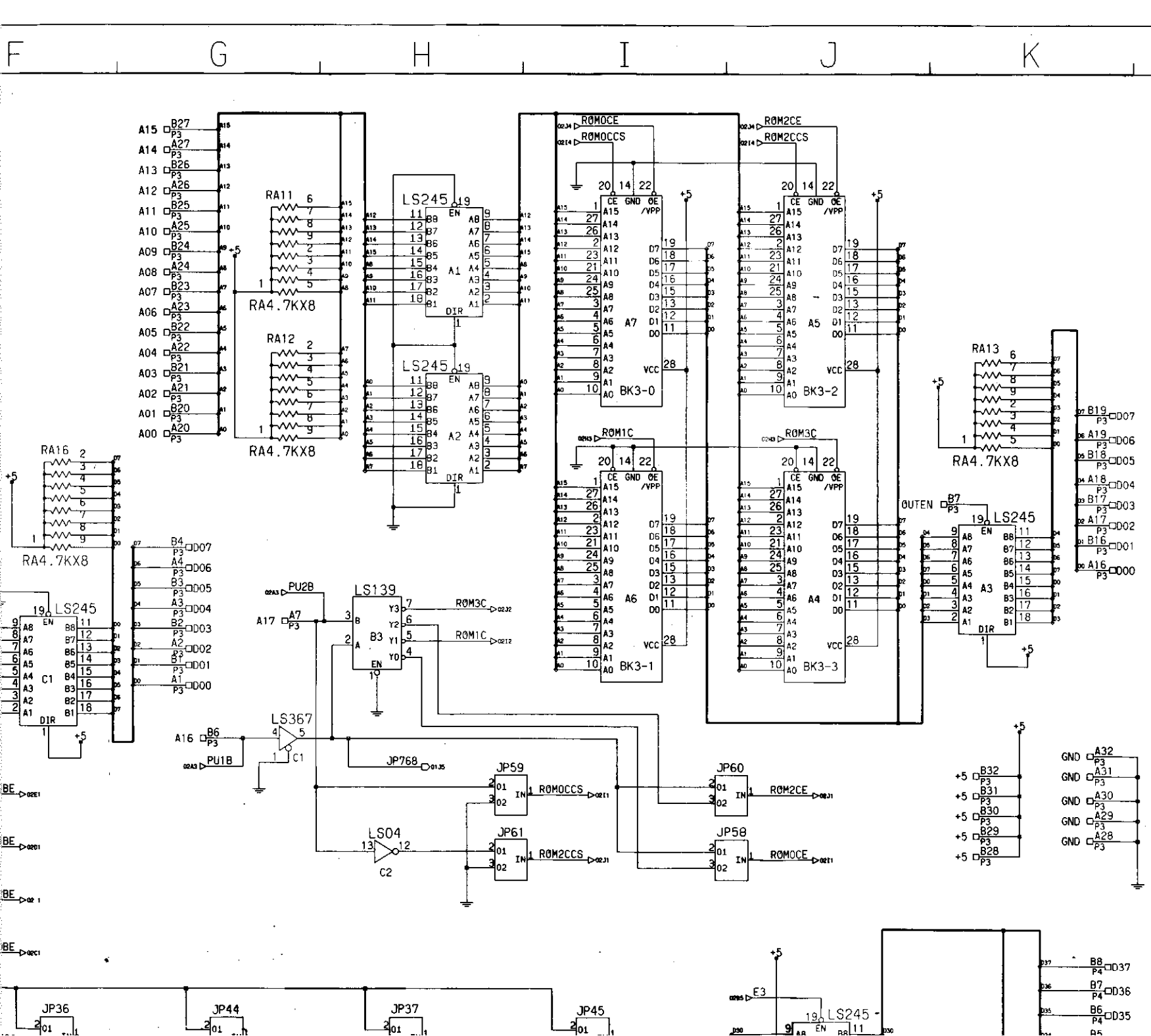

GND A5 P1
GND A4 P1
GND A3 P1
GND A2 P1
GND A1 P1
A18 01J5
A15 B8 P2
A14 B24 P2
A13 A24 P2
A12 B7 P2
A11 B23 P2
A10 A23 P2
A09 B6 P2
A08 B22 P2
A07 A22 P2
A06 B5 P2
A05 B21 P2
A04 A21 P2
A03 B4 P2
A02 B20 P2
A01 A20 P2
A00 B3 P2
A15 C8 P2
A12 C7 P2
A09 C6 P2
A06 C5 P2
A03 C4 P2
A00 C3 P2
RA1
RA4.7KX8
RA2
RA4.7KX8
19 LS245 EN
A12
DIR
B12
RA4
RA4.7KX6
LS139
C13
EN
R0M6DCS 01E5
JP33
R0M4DCS 01D6
JP31
R0M2DCS 01 7
JP29
R0M0DCS 01D7
JP27
A16 A25 P2
LS367
C12
LS138
A13
G2B
G2A
G1
C
B
A
R0M7D 01E6
R0M5D 01E6
R0M3D 01G7
R0M1D 01E7
JP32
JP30
JP28
JP26
A18 B9 P2
A18 C9 P2
A17 B25 P2
R0M4D
R0M4DCS
A11
BK4-4
BK4-0
R0M5D
A10
BK4-5
BK4-1
R0M6D
R0M6DCS
A9
BK4-6
BK4-2
R0M7D
A8
BK4-7
BK4-3
R0M0D
R0M0DCS
B11
B10
R0M1D
R0M2D
R0M2DCS
B9
B8
R0M3D
CE GND OE /VPP
D7 D6 D5 D4 D3 D2 D1 D0
VCC
+5
220U16EX4
88 P1
DIN64PS

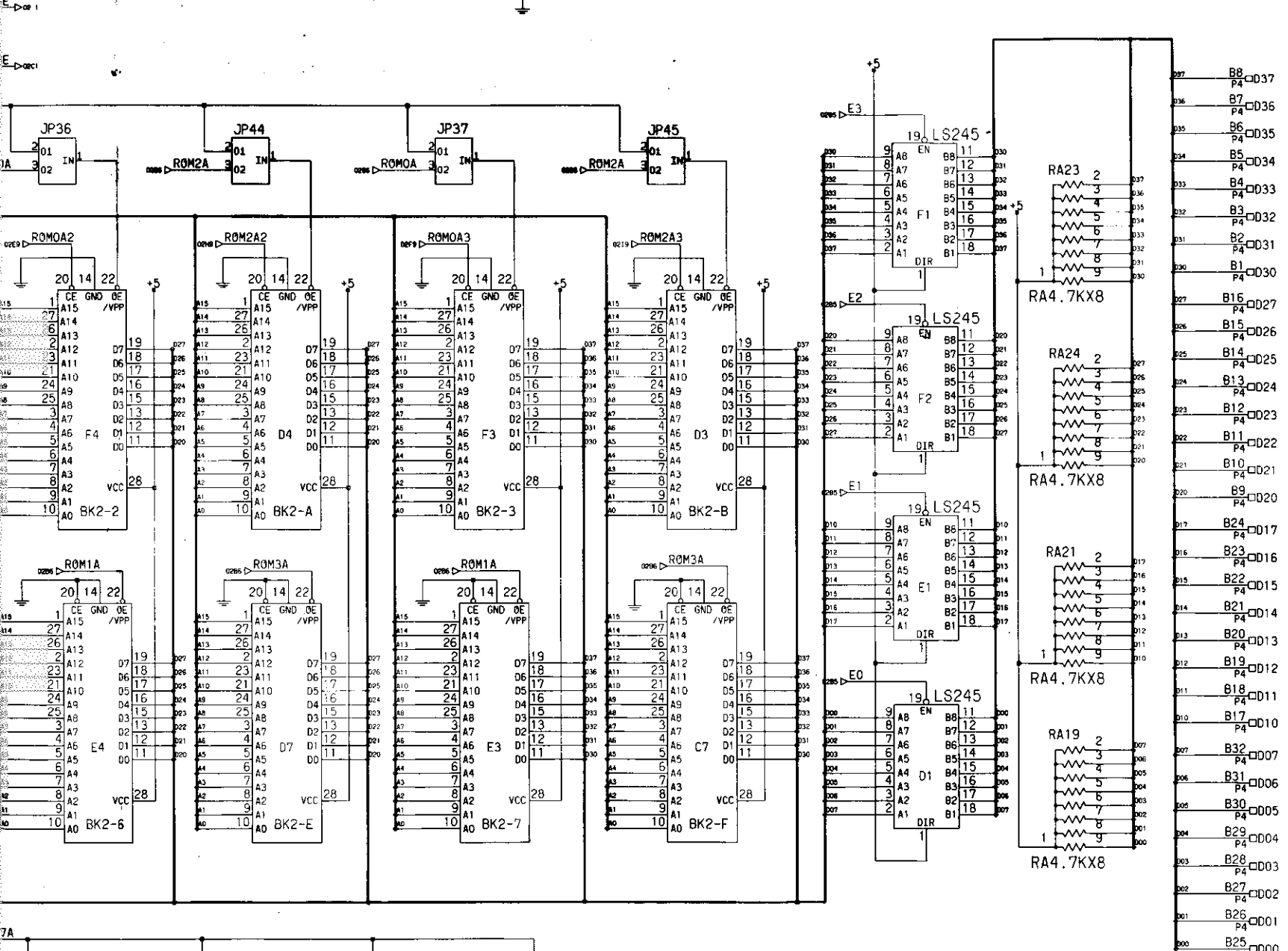

C11
BKO-C
C10
BKO-D
C9
BKO-E
C8
BKO-F
E11
BKO-4
E10
BKO-5
E9
BKO-6
E8
BKO-7
JP17
JP16
JP25
JP24
JP12
JP13
JP20
JP21
EN3
ROM3
ROM1
EN2
LS245 F12
LS245 E12
LS245 D12
LS245 D12
LS139 C13
JP2
JP3
RA10
RA8
RA6
RA5
RA4.7KX8
- NOTE -
VCC +5V
GND
CN1:DIN64PIN PLUG
CN2:DIN64PIN PLUG
OR DIN48PIN PLUG
CN3:DIN64PIN PLUG
CN4:DIN64PIN PLUG
KIND OF CAPACITOR
E:ELECTROLYTIC
HOW TO USE JUMPER
0 OHM REGISTOR


E:ELECTROLYTIC
HOW TO USE JUMPER
JP**
0 OHM REGISTOR
SHORT JP
LONG JP
JP1
JP768
ROM7D
ROM3D
BK4-7
BK4-3
LS245
RA3
RA4.7KX8
LS139
JP3
C13
CONNECTION ON PCB
* IF YOU USE THE 16BIT LOAD
.THEN YOU MUST TO REPAIR
THIS CONNECTION
HOW TO USE P2 (CN2)
A1 B1 C1
DIN64PS
DIN48PS
C16
A32 B32
P1 DIN64PS
P2 DIN64PS
P2 DIN48PS
P3 DIN64PS
P4 DIN64PS
SUPER CONTRA
KONAMI
KONAMI INDUSTRY CO..LTD.
DESIGN
DRAW
CHECK
APPROVE
RELEASE DATE
S. YASUDA
T. MATSUURA
SCALE 1 : 1
TOLE-RANCE
A1
REG.TYPE SCHEMATIC DIAGRAM
NAME ROM BOARD 34M PWB350958
CODE NO. 100087 1/2


A
B
C
D
E
F
1
2
3
4
5
RA14
RA4.7KX8
RA15
RA4.7KX8
LS245
B1
DIR
LS245
B2
DIR
R0M0BE
R0M0BCS
BK1-0
R0M2BE
R0M2BCS
BK1-2
R0M4BE
R0M4BCS
BK1-4
R0M6BE
R0M6BCS
BK1-6
R0M1B
BK1-1
R0M3B
BK1-3
R0M5B
BK1-5
R0M7B
BK1-7
RA16
RA4.7KX8
LS245
C1
DIR
RA17
RA4.7KX6
PU2B
PU1B
LS138
C2
R0M7B
R0M6B
R0M5B
R0M4B
R0M3B
R0M2B
R0M1B
R0M0B
A16B
LS139
B3
LS139
D2
RA18
RA4.7KX4
PU17A
JP8
JP9
JP7
JP6
JP5
JP4
JP56
JP54
JP52
JP50
LS367
C1
JP57
JP55
JP53
JP51
A16A
JP34
JP42
JP35
JP43
JP36


LS139
JP9
JP6
JP5
JP4
JP52
JP50
JP53
JP51
JP34
JP42
JP35
JP43
JP36
RA20
RA4.7KX8
RA22
RA4.7KX8
LS245
LS04
LS367
LS367
BK2-0
BK2-8
BK2-1
BK2-9
BK2-2
BK2-4
BK2-C
BK2-5
BK2-D
BK2-6
JP38
JP39
JP40
JP41
JP46
A
B
C
D
E
F


F G H I J K
RA11
RA12
RA4.7KX8
LS245
ROMOCE
ROMOCCS
ROM2CE
ROM2CCS
BK3-0
BK3-1
BK3-2
BK3-3
ROM1C
ROM3C
RA13
RA16
OUTEN
LS139
LS367
LS04
JP59
JP60
JP61
JP58
JP768
PU2B
PU1B
JP36
JP44
JP37
JP45
LS245
GND



KONAMI	KONAMI INDUSTRY CO..LTD.					REG.TYPE	SCHEMATIC DIAGRAM
DESIGN	DRAW	CHECK	APPROVE		RELEASE DATE	NAME	ROM BOARD PWB350955
S. YASUDA	T. MATSUURA			SCALE 1 : 1	TOLE-RANCE A1	CODE NO.	100087

F G H I J K L