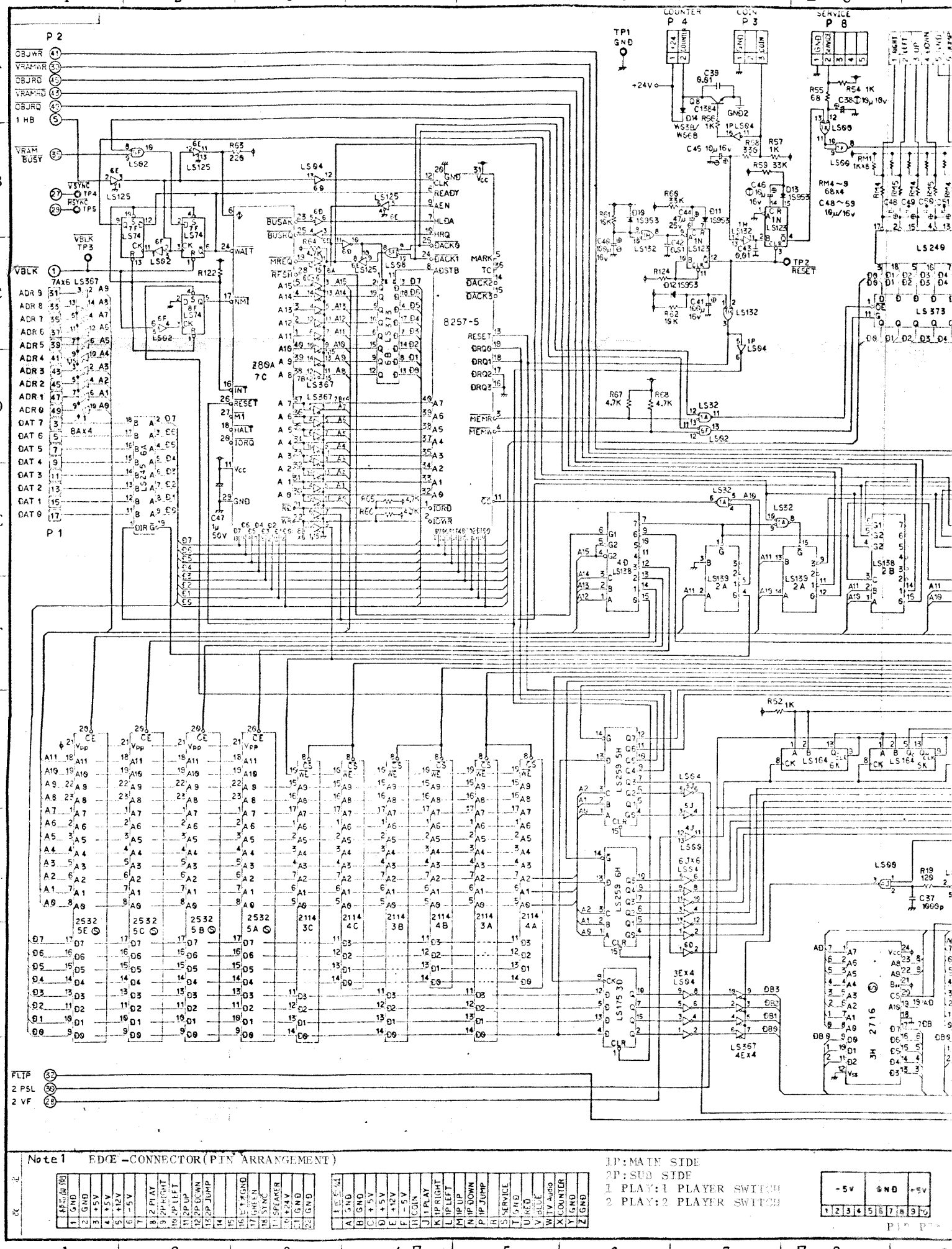
DONKEY KONG

SCHEMATICS

Nintendo

TKG-4



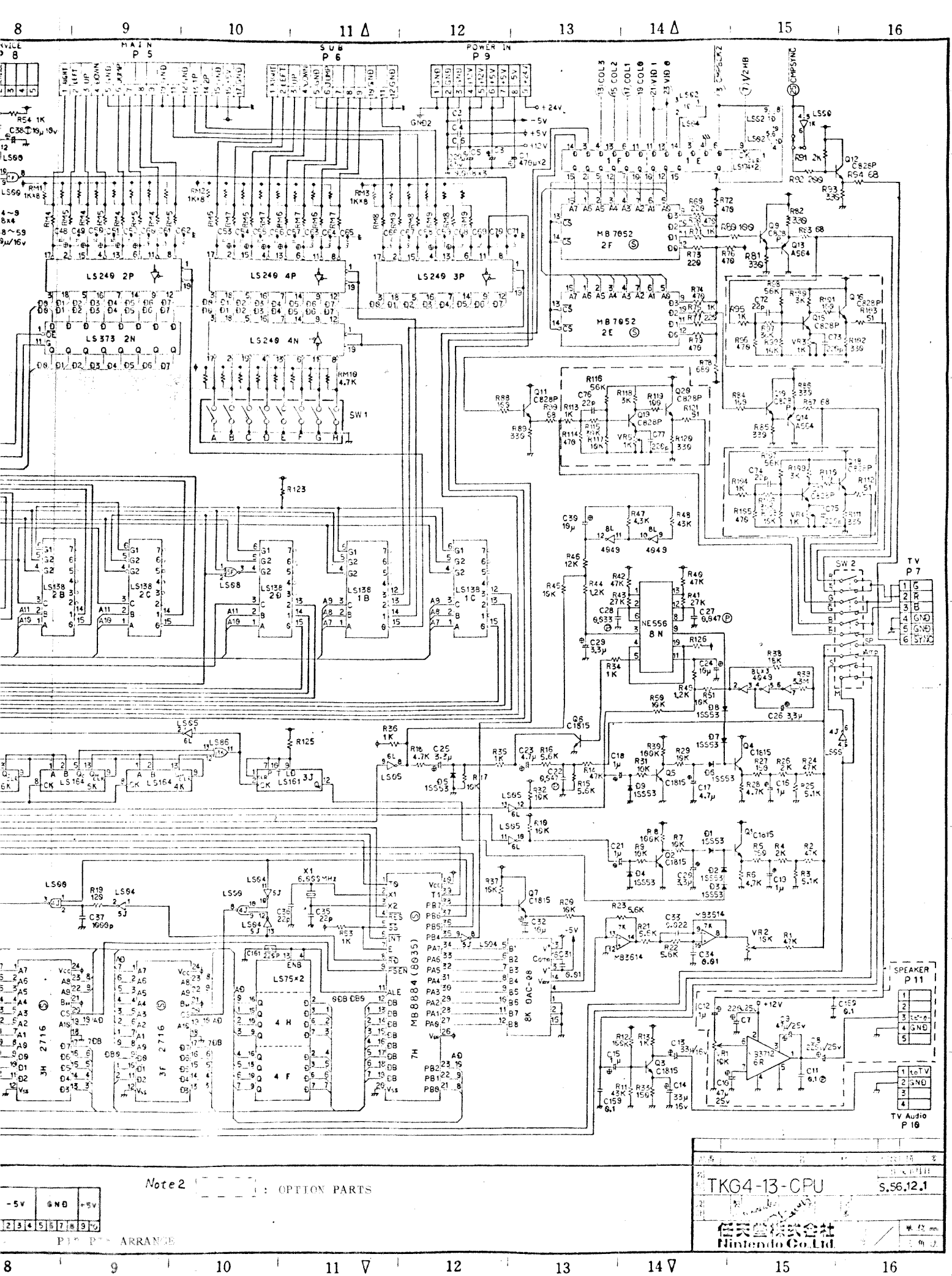
Note 1 EDGE-CONNECTOR (PIN ARRANGEMENT)

	P1 (A)	P2 (B)
1	GND	GND
2	GND	GND
3	+5V	+5V
4	+5V	+5V
5	+12V	-5V
6	-5V	
7		
8	2P PLAY	
9	2P RIGHT	
10	2P LEFT	
11	2P UP	
12	2P DOWN	
13	2P JUMP	
14		
15		
16	1P GND	
17	GREEN	
18	SYNC	
19	SPEAKER	
20	+24V	
21	GND	
22	GND	

	P1 (C)	P2 (D)
1	BEAM	
A	GND	
B	GND	
C	+5V	
D	+5V	
E	+12V	
F	-5V	
H	COIN	
J	1 PLAY	
K	1P RIGHT	
L	1P LEFT	
M	1P UP	
N	1P DOWN	
P	1P JUMP	
R		
S	SERVICE	
T	GND	
U	RED	
V	BLUE	
W	TV Audio	
X	COUNTER	
Y	GND	
Z	GND	

1P: MAIN SIDE
2P: SUB SIDE
1 PLAY: 1 PLAYER SWITCH
2 PLAY: 2 PLAYER SWITCH

-5V	GND	+5V
1 2 3 4	5 6 7 8	9


MAIN P 5
SUB P 6
POWER IN P 9
LS240 2P
LS240 4P
LS240 3P
LS373 2N
LS240 4N
SW 1
MB7052 2F
MB7052 2E
LS138 2B
LS138 2C
LS138 2D
LS138 1B
LS138 1C
NE556 8N
SW 2
TV P 7
LS164 5K
LS164 4K
LS161 3J
LS75×2
MB8884 (8035)
8K DAC-08
MB3614
SPEAKER P 11
TV Audio P 10
3H 2716
3F 2716
Note 2
: OPTION PARTS
TKG4-13-CPU
S.56.12.1
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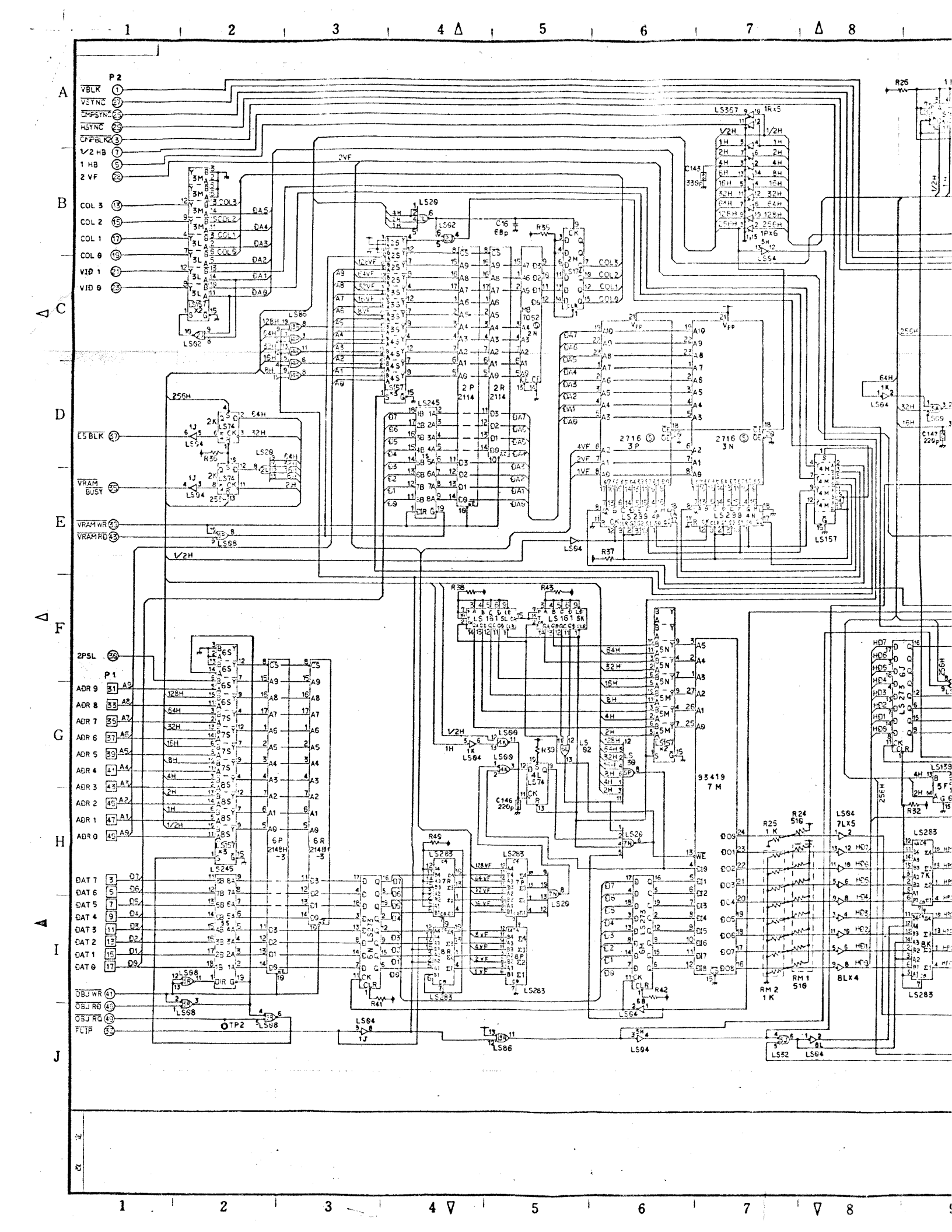
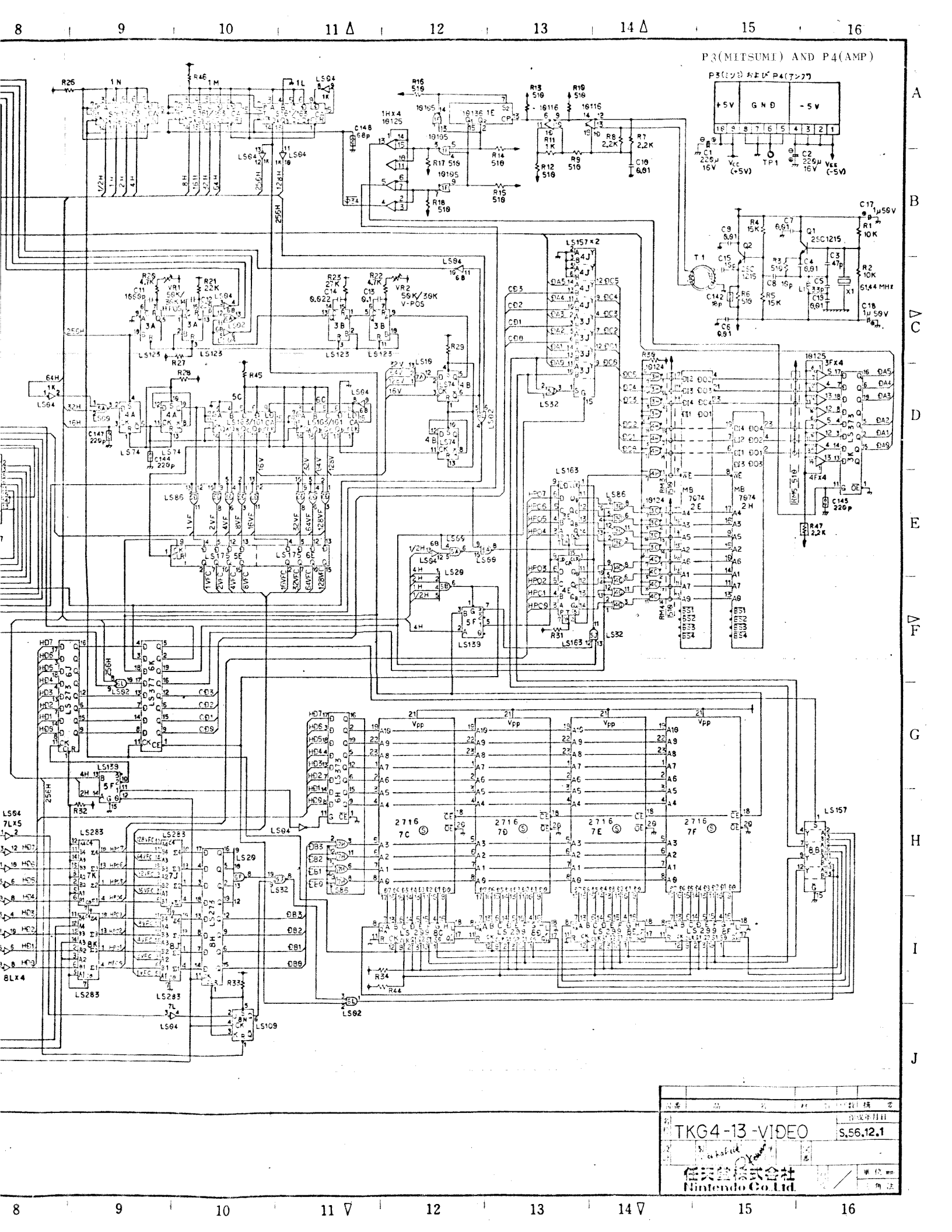

P2
VBLK
VSYNC
CMPSYNC
HSYNC
CMPBLK2
1/2 HB
1 HB
2 VF
COL 3
COL 2
COL 1
COL 0
VID 1
VID 0
ES BLK
VRAM BUSY
VRAM WR
VRAM RD
2PSL
P1
ADR 9
ADR 8
ADR 7
ADR 6
ADR 5
ADR 4
ADR 3
ADR 2
ADR 1
ADR 0
DAT 7
DAT 6
DAT 5
DAT 4
DAT 3
DAT 2
DAT 1
DAT 0
OBJ WR
OBJ RD
OBJ RQ
FLIP
LS367
LS20
LS02
LS86
LS174
LS245
LS74
LS04
LS08
LS157
LS299
LS161
LS273
LS283
LS32
LS139
LS04
LS283
93419
7 M
2716
3 P
3 N
2 P
2114
2 R
2114
7052
6 P
2148H
-3
6 R
2148H
-3
TP2
RM 1
510
RM 2
1 K
8LX4
7LX5
R25
1 K
R24
510
R26
R32
R35
R37
R38
R39
R41
R42
R43
R45
C16
68p
C143
330p
C146
220p
C147
220p
256H
128H
64H
32H
16H
8H
4H
2H
1H
1/2H
1/2H
2VF
4VF
1VF


P3(MITSUMI) AND P4(AMP)
P3(ミツミ)およびP4(アンプ)
+5V
GND
-5V
TKG4-13-VIDEO
S.56.12.1
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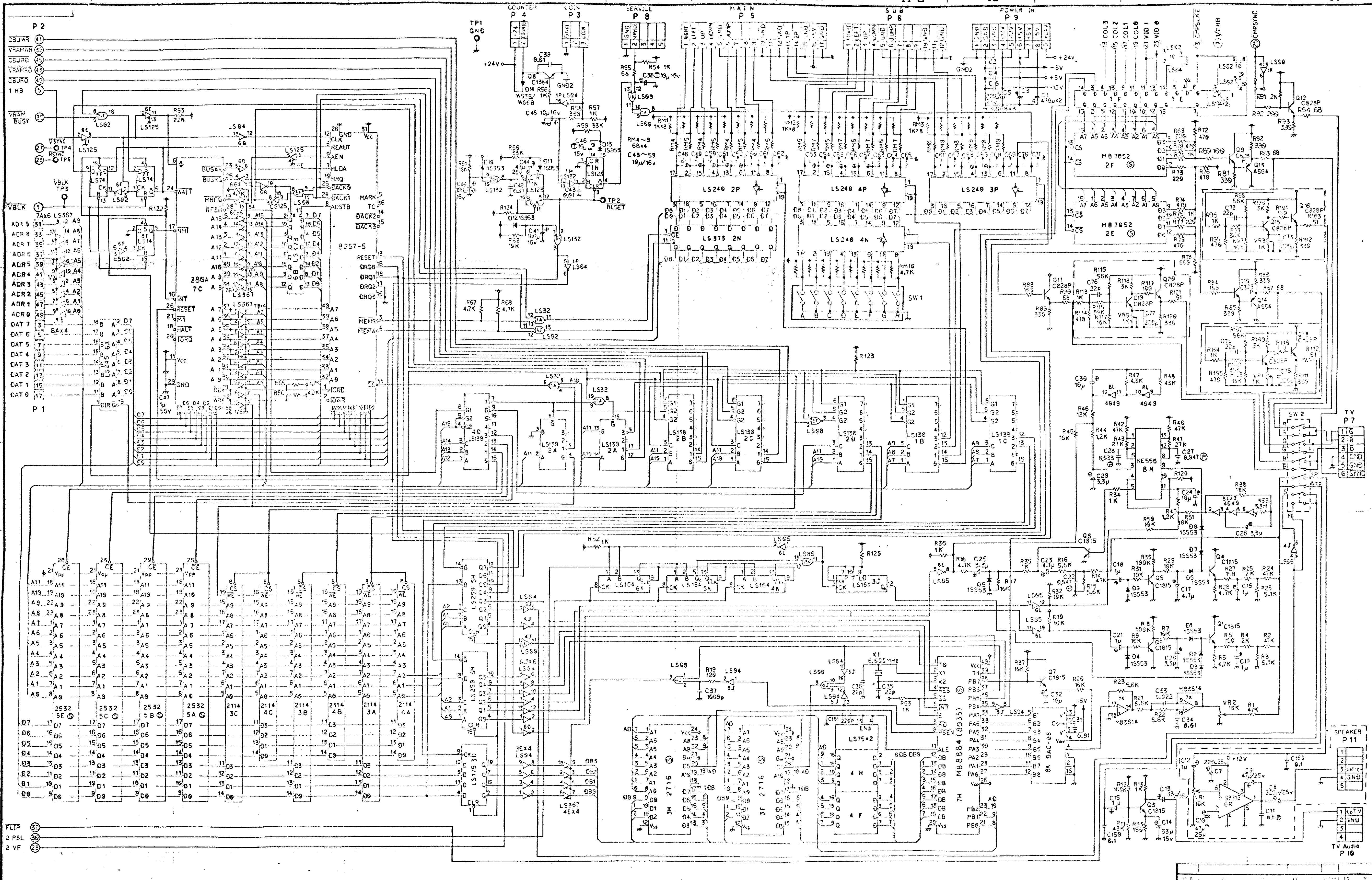

Note 1 EDGE-CONNECTOR (PIN ARRANGEMENT)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
GND	GND	+5V	+5V	+12V	-5V		2 PLAY	2P RIGHT	2P LEFT	2P UP	2P DOWN	2P JUMP			GND	GREEN	SYNC	SPEAKER	+24V	GND	GND

A	B	C	D	E	F	H	J	K	L	M	N	P	R	S	T	U	V	W	X	Y	Z
GND	GND	+5V	+5V	+12V	-5V	COIN	1 PLAY	1P RIGHT	1P LEFT	1P UP	1P DOWN	1P JUMP		SERVICE	GND	RED	BLUE	TV Audio	COUNTER	GND	GND

1P: MAIN SIDE
2P: SUB SIDE
1 PLAY: 1 PLAYER SWITCH
2 PLAY: 2 PLAYER SWITCH

-5V				GND				+5V	
1	2	3	4	5	6	7	8	9	10

P10 PIN ARRANGE

Note 2 [ ] : OPTION PARTS

TKG4-13-CPU

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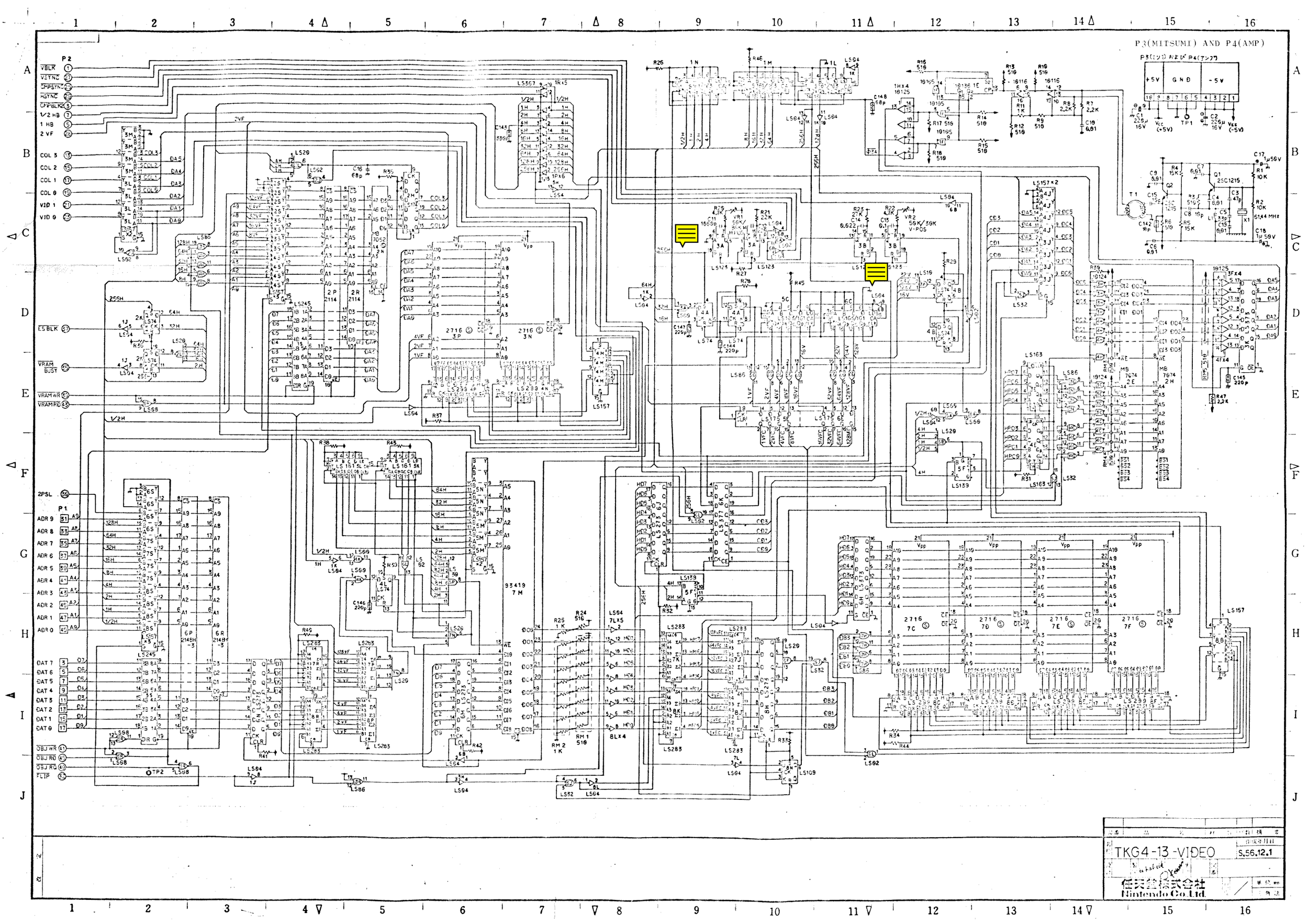
P3(MITSUMI) AND P4(AMP)
P3(ミツミ)および P4(アンプ)
+5V
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-5V
P2
VBLK
VSYNC
CMPSYNC
HSYNC
CMPBLK2
1/2 HB
1 HB
2 VF
COL 3
COL 2
COL 1
COL 0
VID 1
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ADR 2
ADR 1
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