

MONACO GP

TM

MANUFACTURED BY

Gremlin®/SEGA®

MANUAL PART NO. 420·0358

OWNER'S MANUAL

MONACO GP Game Description:

When the coins are deposited, the player's red car appears in the lower right corner of the screen. Drive the car using the steering wheel and accelerator pedal, avoiding collisions with the computer cars. Game time is set to a count of 90.

Player goes into extended play when he reaches a score of 2000 points. In extended play, the player wins an extra car; and, one extra car is awarded after every additional 2000 points. The game becomes more difficult after a score of 6000 points. The player's car speeds up and, at 8000 points, the computer cars speed up.

The game's front panel displays your score and the top 5 high scores. Also, each player is given a ranking out of the total numbers of players to date.

Adjustments and Options:

There are 2 game options, located on the #96577A main logic board:

1. VR1- trim pot- adjusts game time
2. SW1- slide switch- selects either 1 or 2 plays per coin.

NOTE: On the sound board (#96598) there are 7 trim pots: These are for adjusting the FANFARE sound. They are pre-set by the factory.

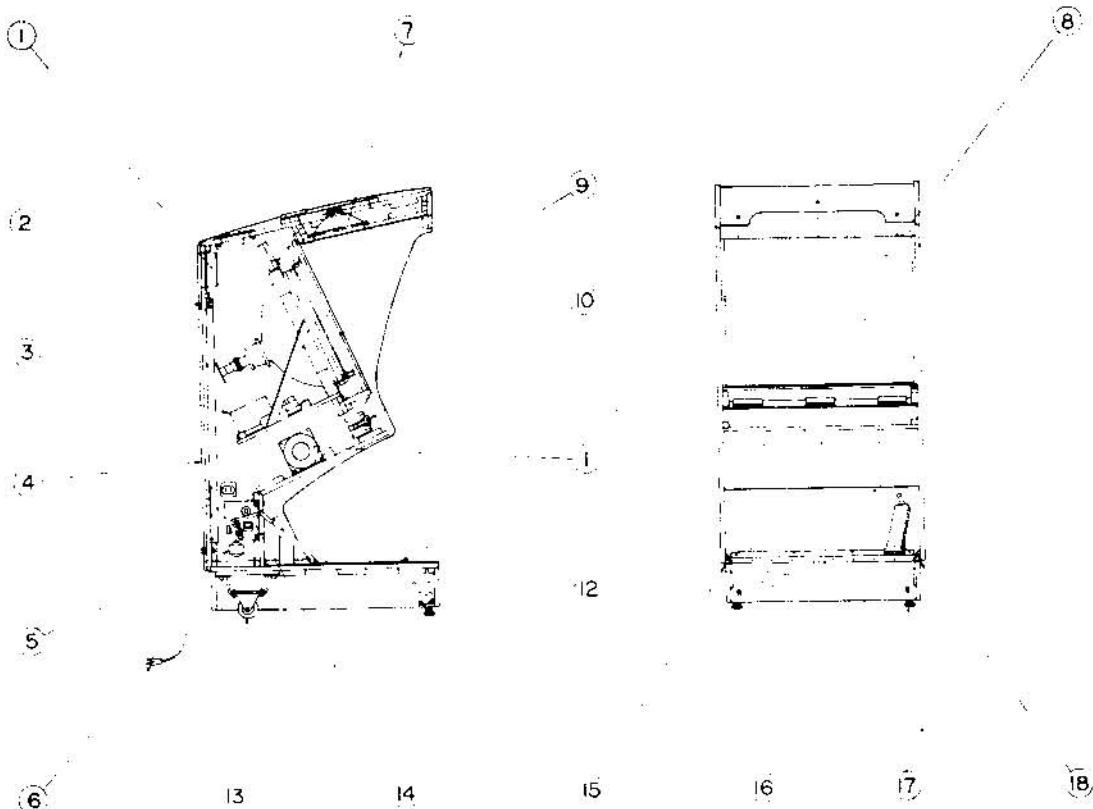
Also on this board are 2 switches, SW1 and SW2. SW1 should be set so that positions 1,2, and 3 are OFF. Position 4 should be ON. Switch SW2 should be set to positions 1 and 2 OFF.

Descriptions and Part Numbers of MONACO GP logic boards:

| <u>Logic board</u> | <u>Part Number Stamped on Board</u> |
|----------------------|-------------------------------------|
| Main logic, A | 96577-P |
| Main logic, B | 96578-P |
| Sound (Oscillator) | 96598-P |
| Display board | 96597-P |
| Display board | M0-4202 |
| Accelerator board | 96599-P |
| Edge connector board | 96620-P |
| Edge connector board | 96624-P |

FRONT CABINET ACCESSORY ASSY

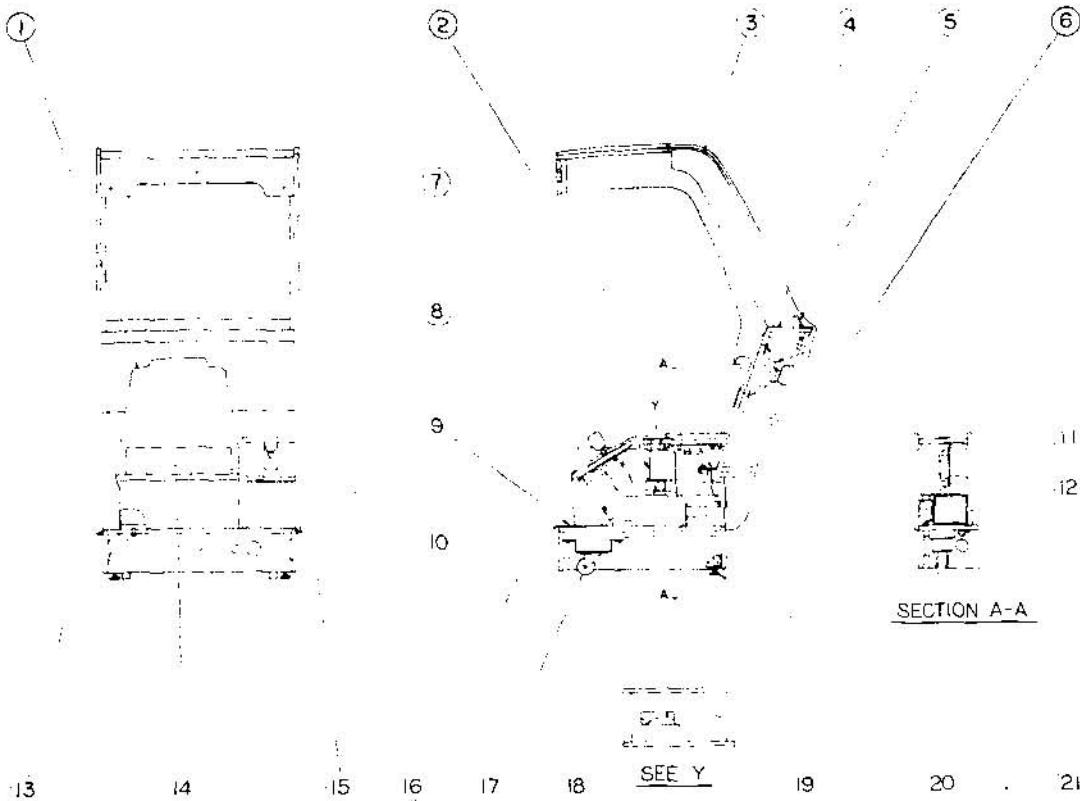
MONACO GP



| Item | Part No. | Description |
|------|---|---|
| 1 | S-96626 | Axial Flow Fan, AC 100V |
| 2 | LS-1064 | Ace Cylinder Lock, L.S. Type |
| 3 | 96595-P | Color Display Assy, 20 Type, 120V |
| 4 | 96577-P 96578-P 96598-P 96624-P | IC Board Assy, Monaco GP, A IC Board Assy, Monaco GP, B Oscillator, Monaco GP Mother Board Assy, Monaco GP |
| 5 | S-96634 | Noise Filter, AC 250V, 4A |
| 6 | 90759X | Cable & Plug Assy |
| 7 | S-93425 | Speaker, 20cm, 8Ω, 10W |
| 8 | MO-1005 | Front Glass |
| 9 | MO-4200 | Score Board Assy (See Page 21 for Detail) |
| 10 | S-83034 | Toggle Hook, Hook |
| 12 | MO-1017 | Floor Mat |
| 13 | S-81159 | Caster |
| 14 | MO-1016 PC-1206 PC-1207 GP-1042 FL-3031 | Accelerator Pedal Assy Photocoupler Unit, A Photocoupler Unit, B Extension Spring Extension Spring |
| 15 | MO-1020 | Protector, Right |
| 16 | S-80807 | Accelerator Pedal |
| 17 | M-163-4(L) | Leg Adjuster |
| 18 | MO-1021 | Protector, Left |

MONACO GP

REAR CABINET ACCESSORY ASSY

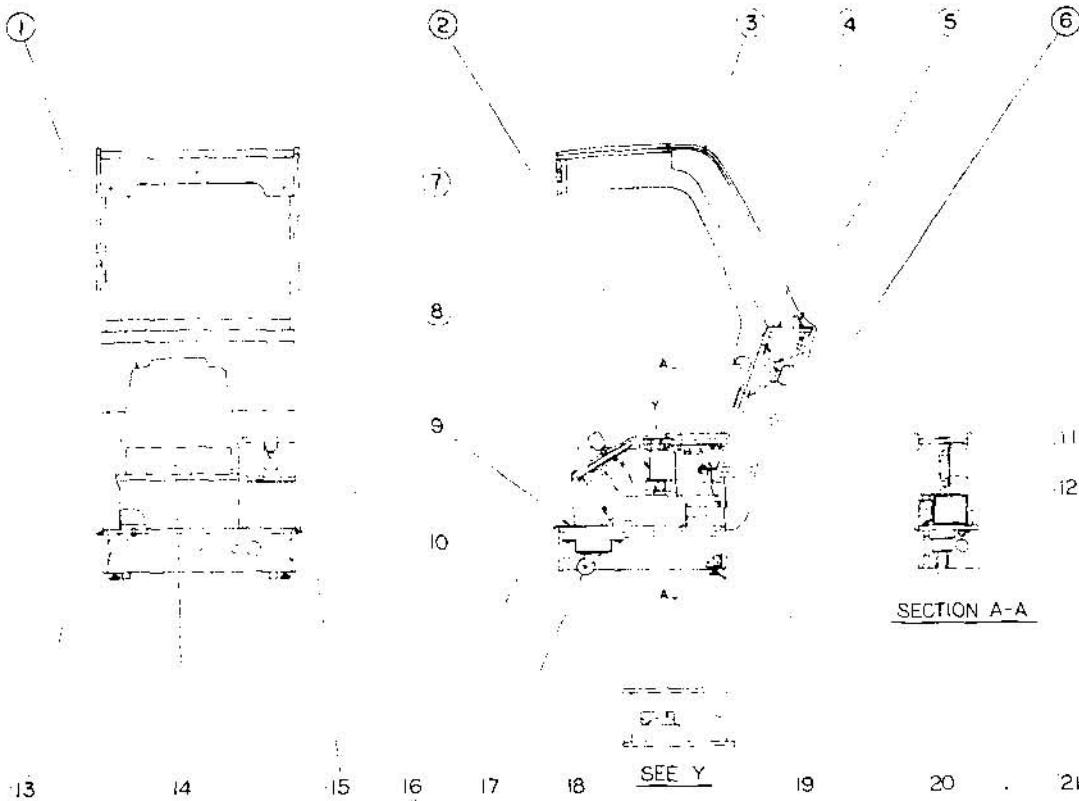


13 14 15 16 17 18 SEE Y 19 20 . 21

| Item | Part No. | Description |
|------|------------|--|
| 1 | MO-1110 | Chair |
| 2 | S-96397 | Push Button Switch, 1M, w/o Button |
| | S-96400 | Push Button, Ivory, 8φ |
| | S-95657 | C & R Combination Element, 0.1μ & 120Ω |
| | S-93157 | Volume Control, B-25KΩ |
| | S-93467 | Switch, Micro Type, Push Button, Red |
| 3 | MO-1123 | Hood |
| 4 | MO-1125 | Ornament Frame, B |
| 5 | MO-1124 | Ornament Frame, A |
| 6 | S-93425 | Speaker, 20cm, 8Ω, 10W |
| 7 | CC-2100 | Coin Chute, Rejector Type, ¥100 |
| 8 | MO-1127 | Transmission Assy |
| | MO-1128 | Handle Retainer Assy |
| | 2P-11600 | Rubber Bumper |
| | FC-2641 | Compression Spring |
| | S-91421 | Switch, Micro Type |
| 9 | MO-1106 | Floor Mat |
| 10 | MO-1129 | Shift Knob Assy |
| 11 | AH-1062 | Reject Cup & Flap Door Assy |
| 12 | S-91654 | Rectifier, Silicon Diode |
| 13 | MO-1109 | Protector, C |
| 14 | MO-1111 | Saddle |
| 15 | MO-1108 | Protector, B |
| 16 | MO-1107 | Protector, A |
| 17 | S-82660 | Caster, Nylon Wheel |
| 18 | PT-0212 | Coin Entry Plate, ¥100 |
| 19 | MO-1119 | Coin Entry Plate |
| 20 | LS-1064 | Ace Cylinder Lock, L.S. Type |
| 21 | M-163-4(L) | Leg Adjuster |

MONACO GP

REAR CABINET ACCESSORY ASSY

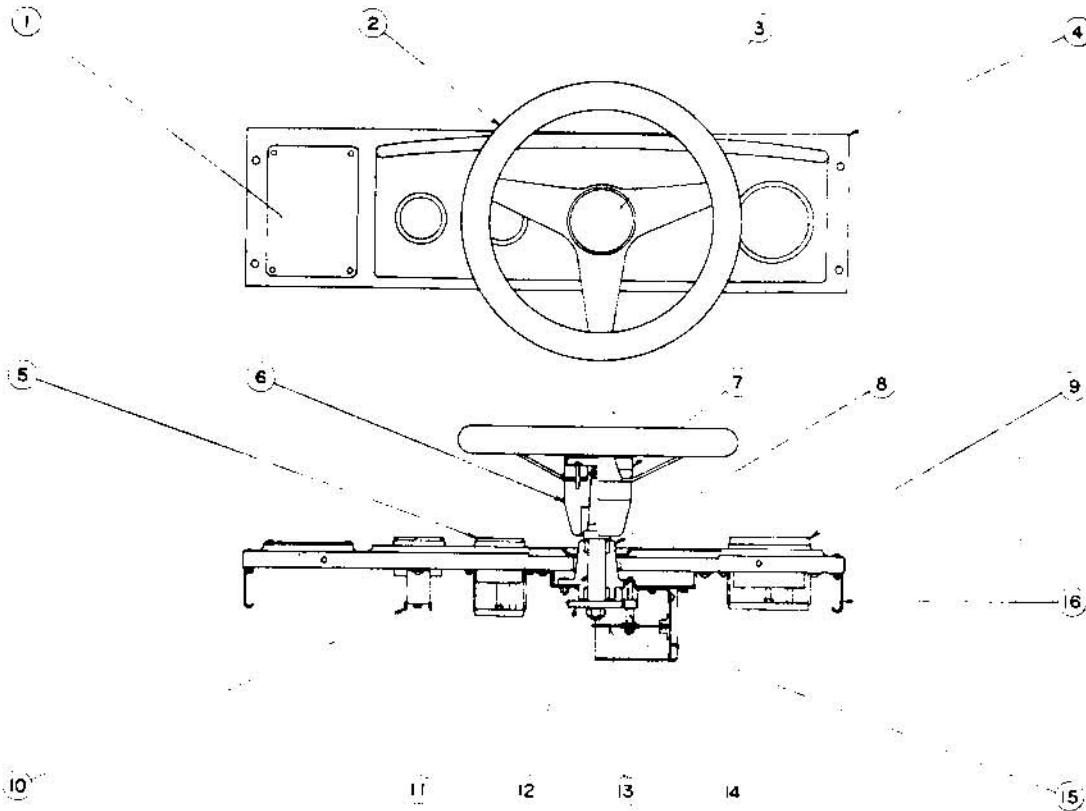


13 14 15 16 17 18 SEE Y 19 20 . 21

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FRONT PANEL & HANDLE UNIT

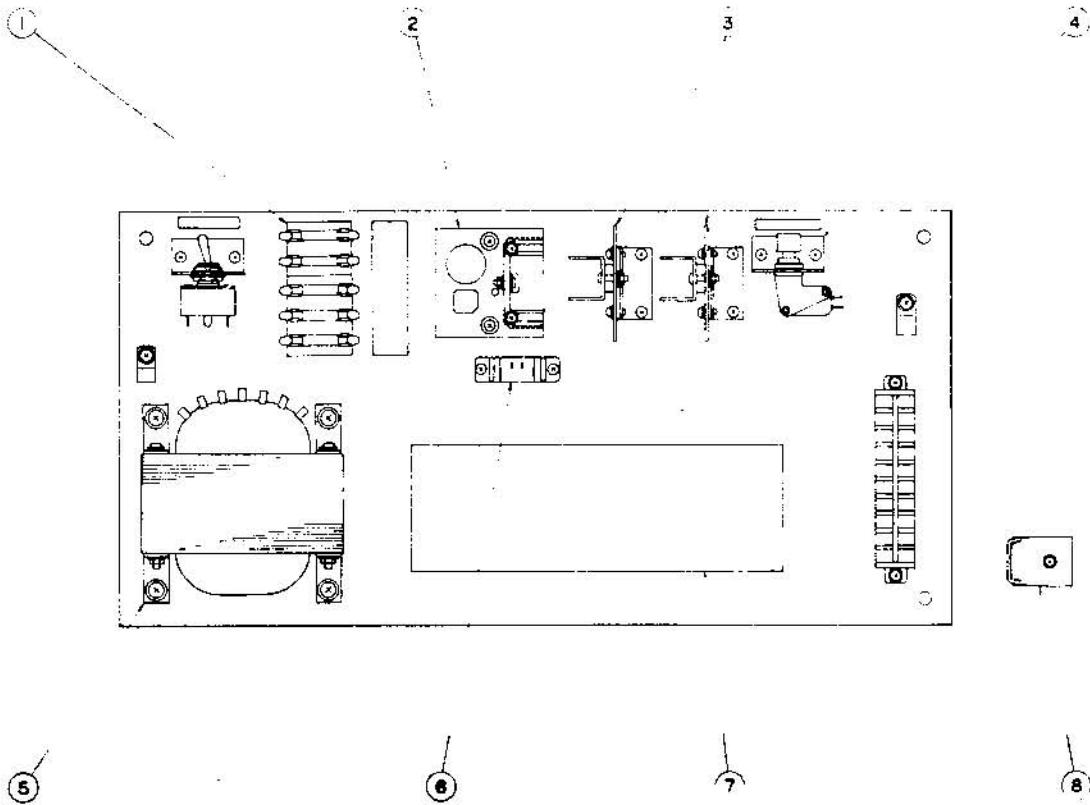
MONACO GP



| Item | Part No. | Description |
|------|----------|-----------------------------|
| 1 | MO-2011 | Play Instructions |
| 2 | S-81620X | Steering Handle |
| 3 | MO-2016 | Steering Handle Ornament |
| 4 | MO-2001 | Front Panel |
| 5 | S-96637 | Oil Pressure Gauge |
| 6 | RR-2013 | Steering Handle Boss, Lower |
| 7 | RR-2014 | Steering Handle Boss, Upper |
| 8 | MO-2004 | Housing |
| 9 | S-96635 | Tachometer |
| 10 | S-96636 | Driving Meter |
| 11 | MO-2005 | Steering Wheel Shaft |
| 12 | MO-2009 | Spur Gear, 60T |
| 13 | MO-2007 | Disc |
| 14 | MO-2008 | Spur Gear, 14T |
| 15 | 96599-P | IC Board Assy, Monaco GP, C |
| 16 | MO-2015 | Hook |

MONACO GP

POWER SUPPLY ASSY

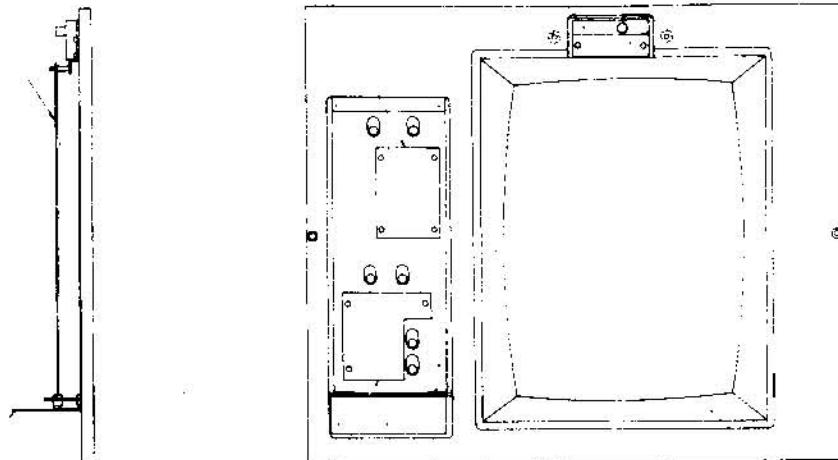


| Item | Part No. | Description |
|------|-------------------------------|--|
| 1 | S-90644 S-91941 S-91151 | Fuse, 2A Fuse, 4A Fuse, 8A |
| 2 | MO-4002 | Regulator Unit, DC 12V, 20V |
| | S-95596 | IC, μ A78M12UC |
| 3 | BC-4603X | Power Amplifier, 5W |
| 4 | S-93467 | Switch, Micro Type, Push Button, Red |
| 5 | 96627 | Power Transformer, 90-120V, 7V, 11V, 16V, 100-120V |
| 6 | S-94441 | Rectifier, Silicon Diode |
| 7 | S-96638 | Switching Regulator, AC 100V, 5V, 15A |
| 8 | S-96262 | AC Cord Connector Body, Flat Type, 125V-15A |

SCORE BOARD ASSY

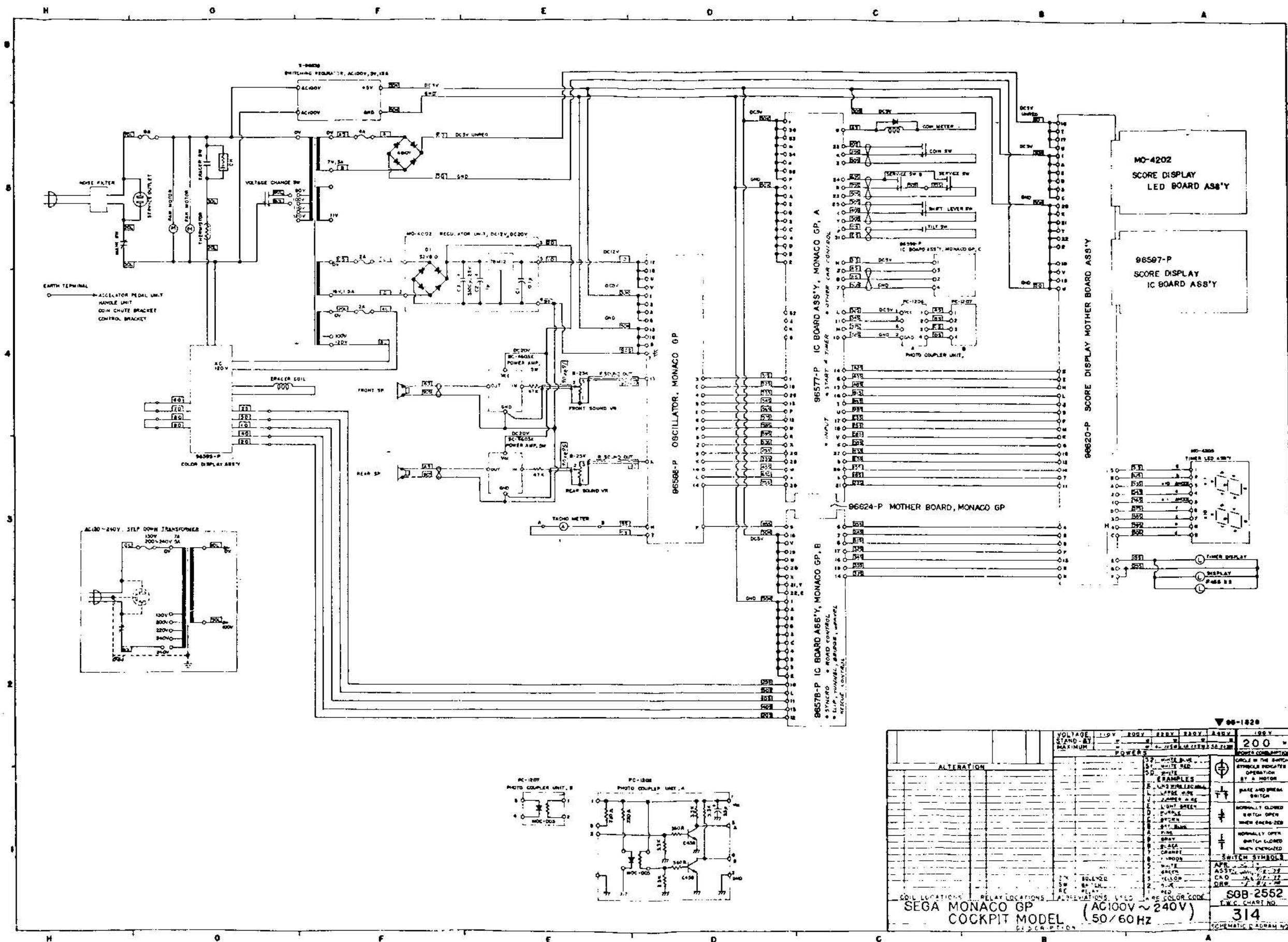
MONACO GP

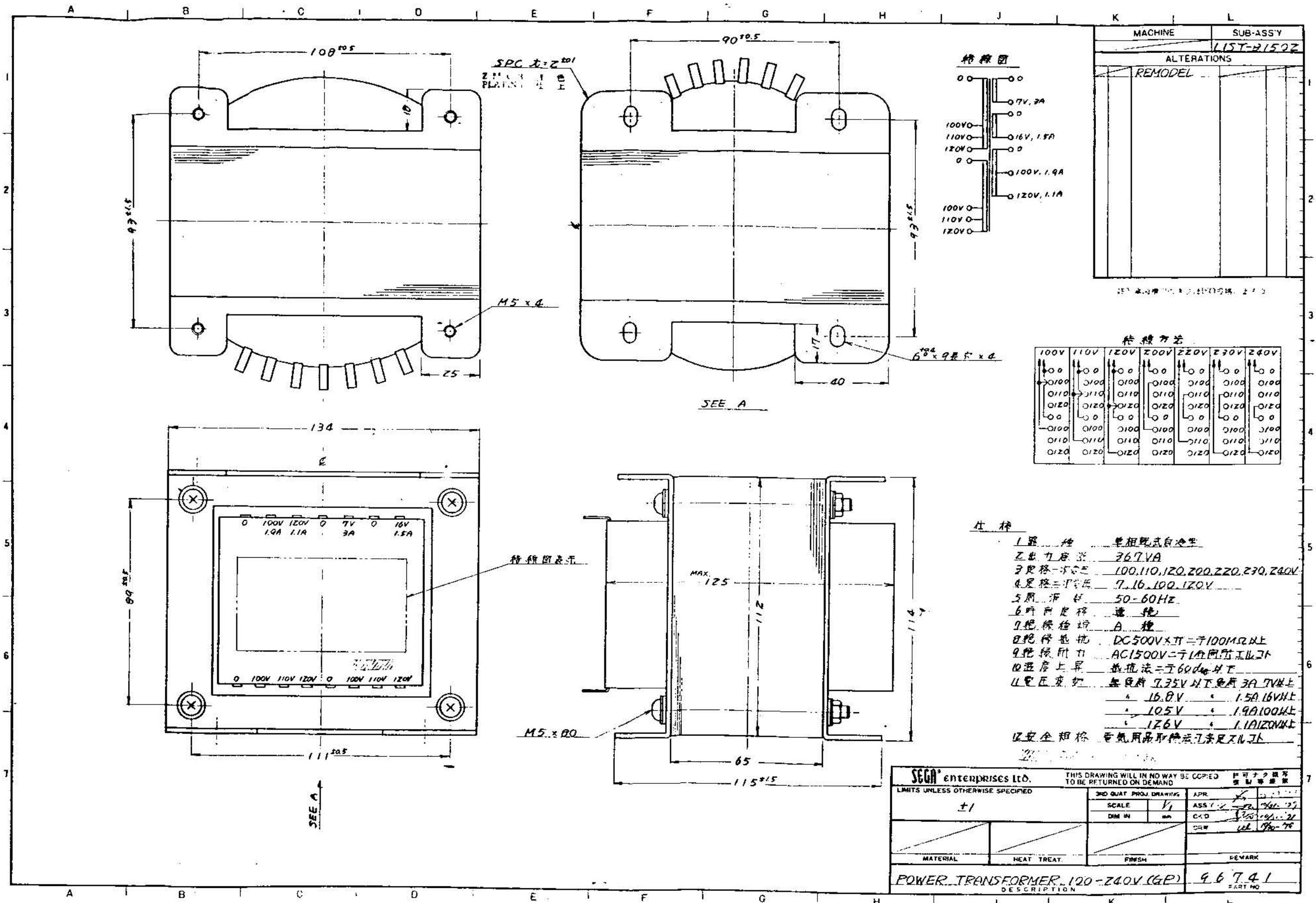
1 2 3 4 5

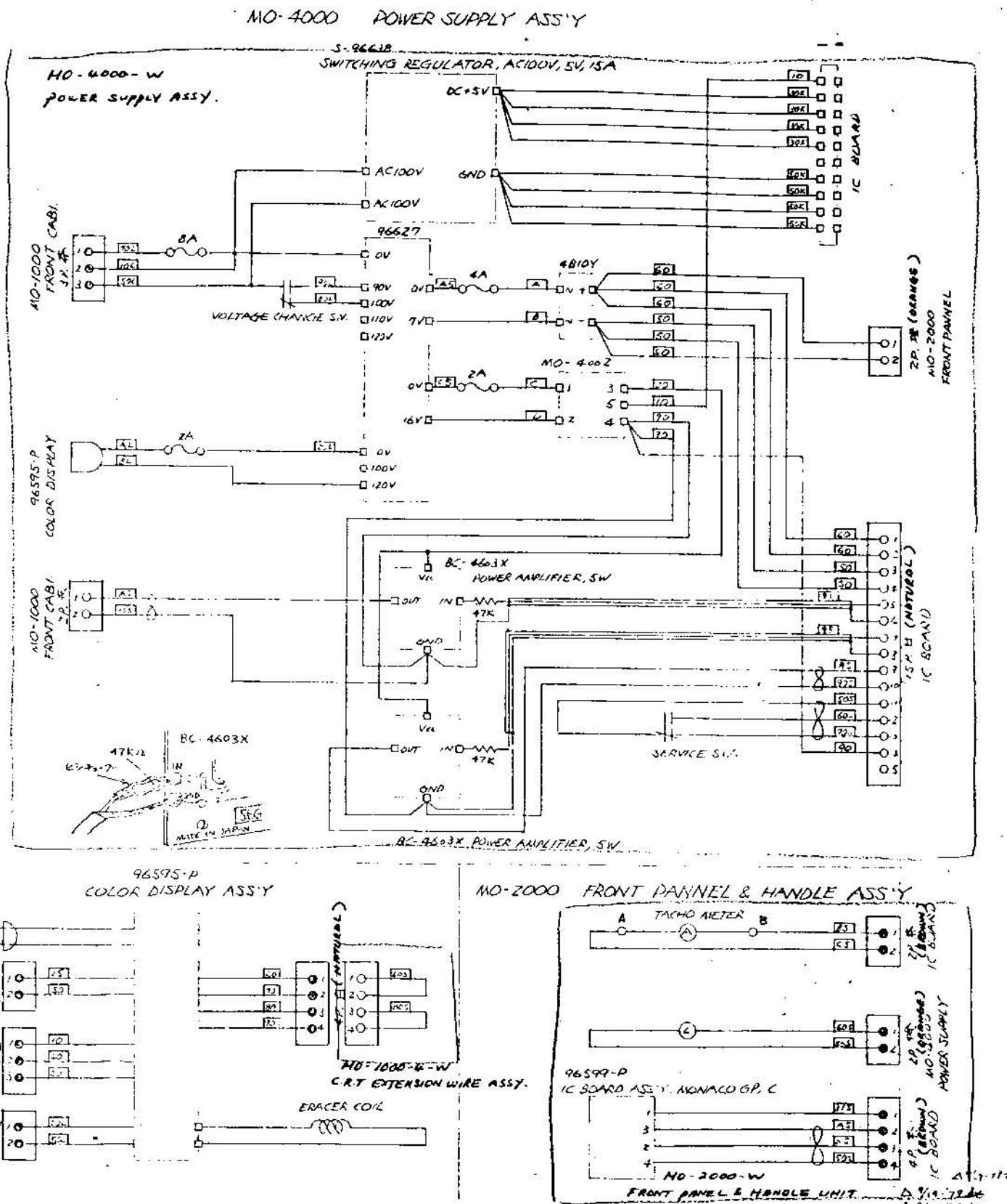
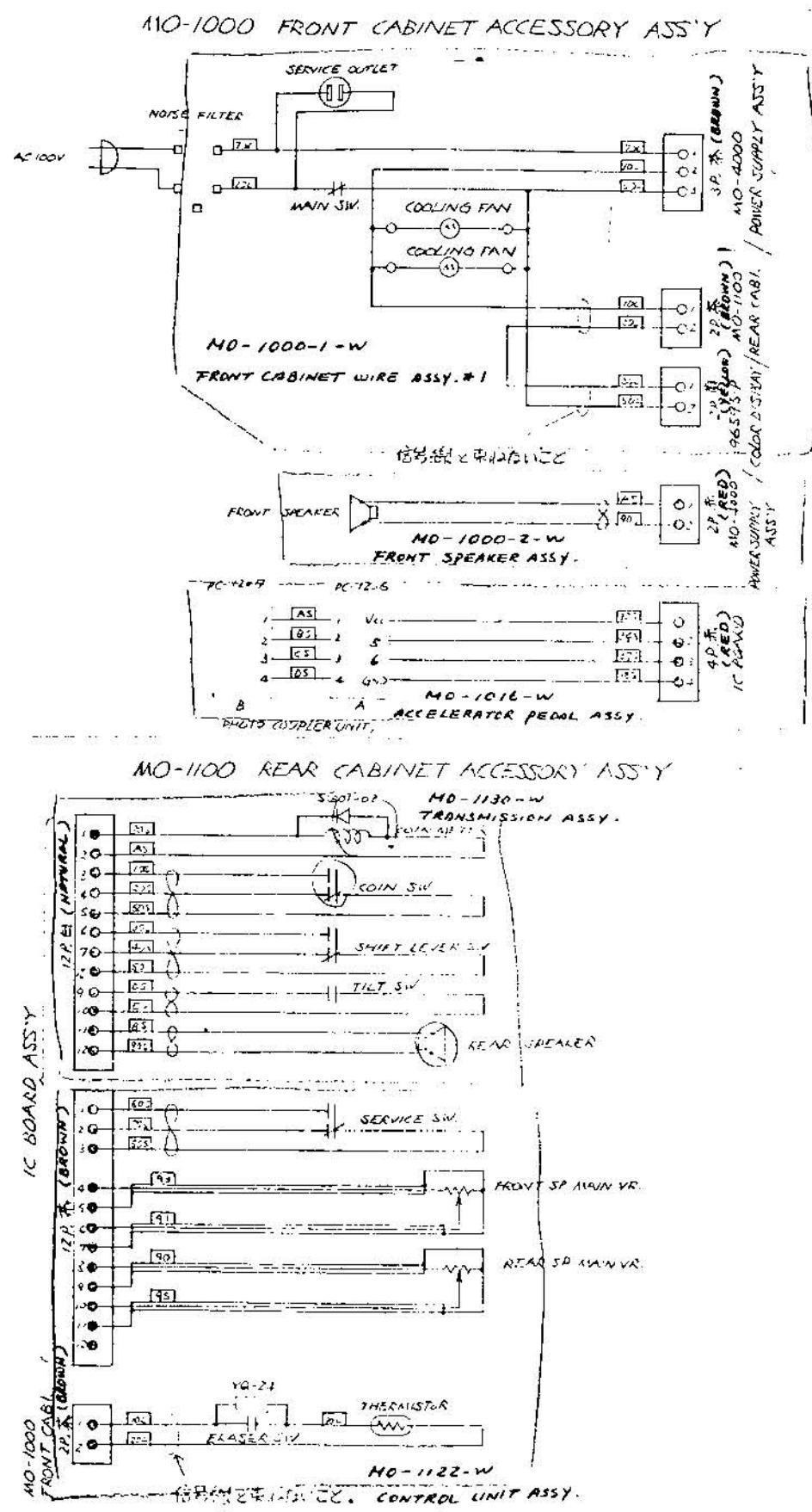


6 7 8 9

| Item | Part No. | Description |
|------|----------|---------------------------------------|
| 1 | 96597-P | Score Display IC Board Assy |
| 2 | MO-4206 | Mask, High Score |
| 3 | MO-4205 | Timer LED Assy |
| | S-96600 | L.E.D., Numeric Display, Red |
| 4 | S-94428 | Bulb, 6.3V, 0.25A, Bush Type |
| 5 | MO-4208 | Mask, Timer |
| 6 | 96620-P | Score Display Mother Board Assy |
| 7 | MO-4207 | Mask, Score |
| 8 | MO-4202 | Score Display L.E.D. Board Assy |
| | S-96600 | L.E.D., Numeric Display, Red |
| | S-96601 | L.E.D., Numeric Display, 2 Digit, Red |
| 9 | MO-4210 | TV Mask |

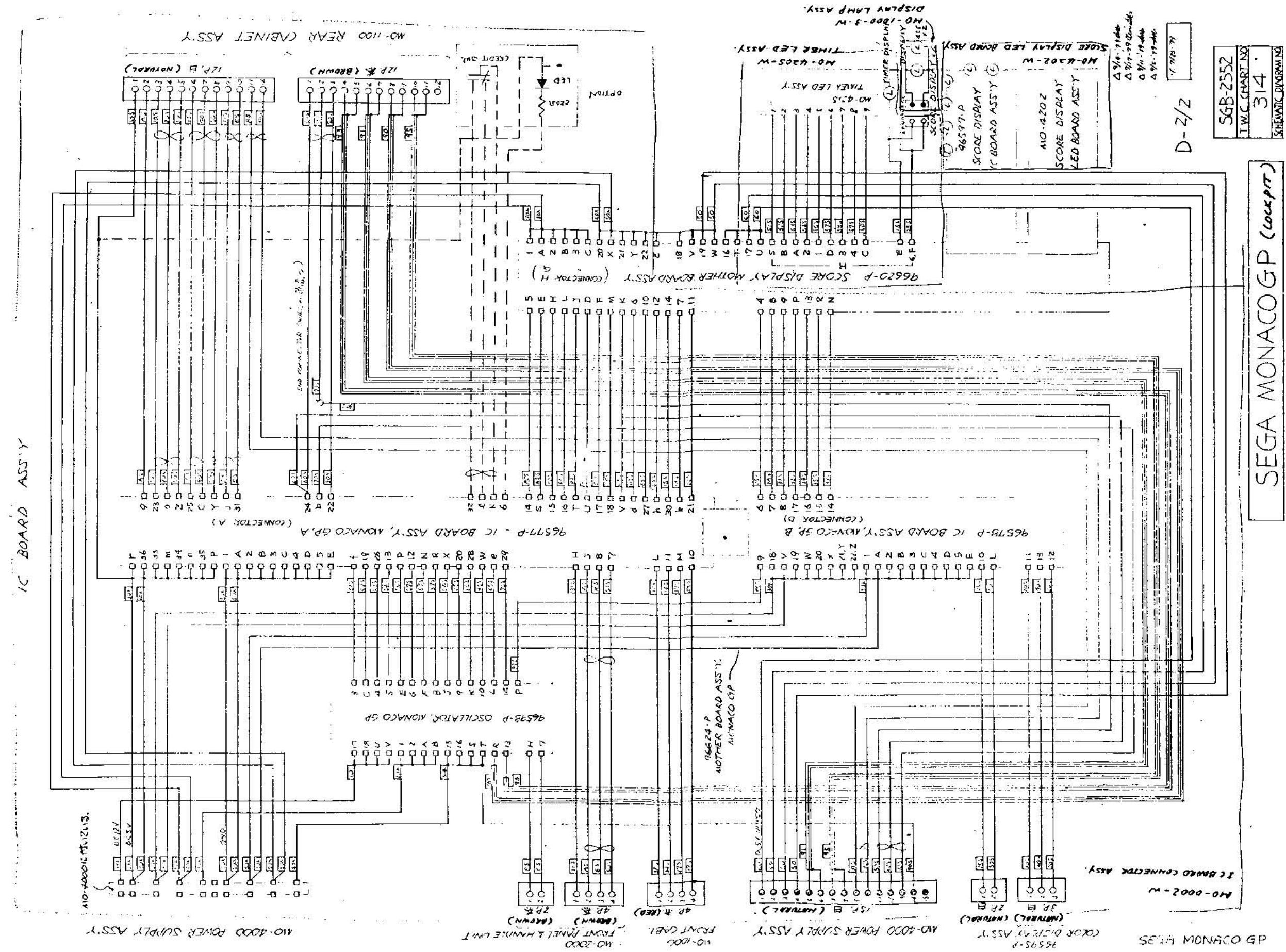






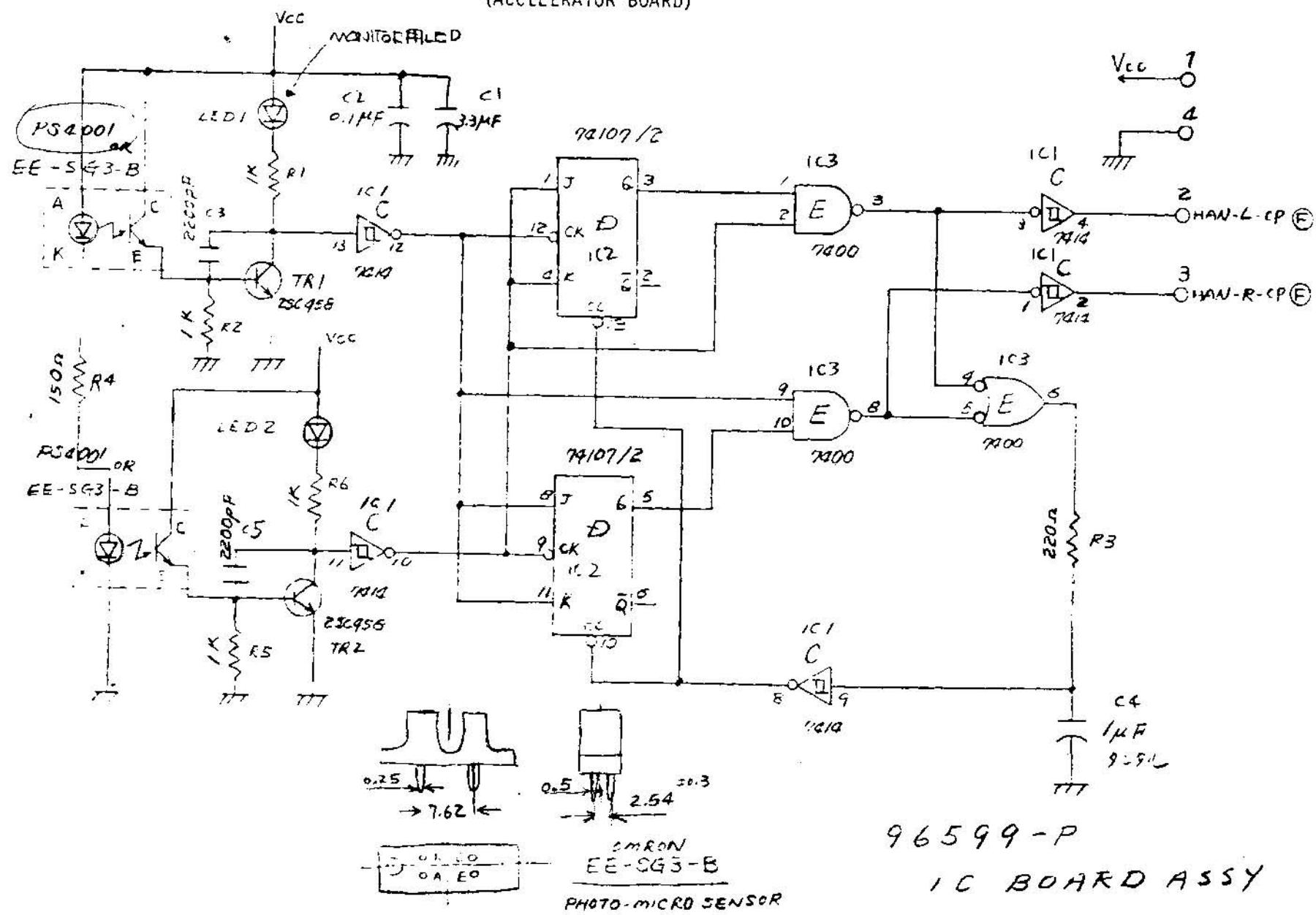
SEGA MONACO GP (COCKPIT)

| | |
|--------------------------|--|
| SGB-2552 | △ 3/8-2.7444 △ 4/1-2.7444 △ 4/10-2.7444 △ 4/11-2.7444 |
| W.C. CHART NO 314 | 1/2/6-77 |
| HYDRAULIC DIAGRAM NO | |



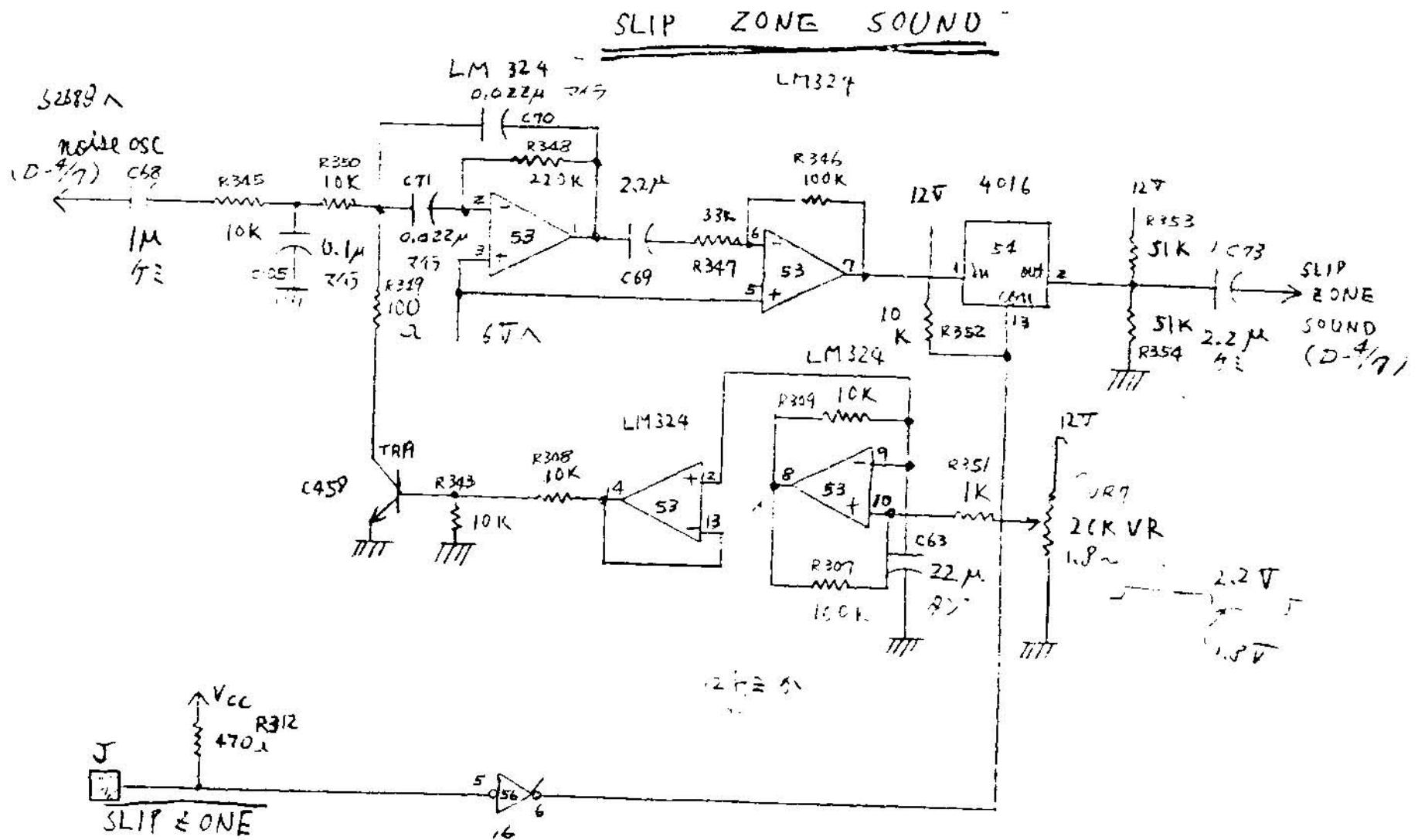
HANDLE, LOGIC DIAGRAM

(ACCELERATOR BOARD)



96599-P

I C BOARD ASSY

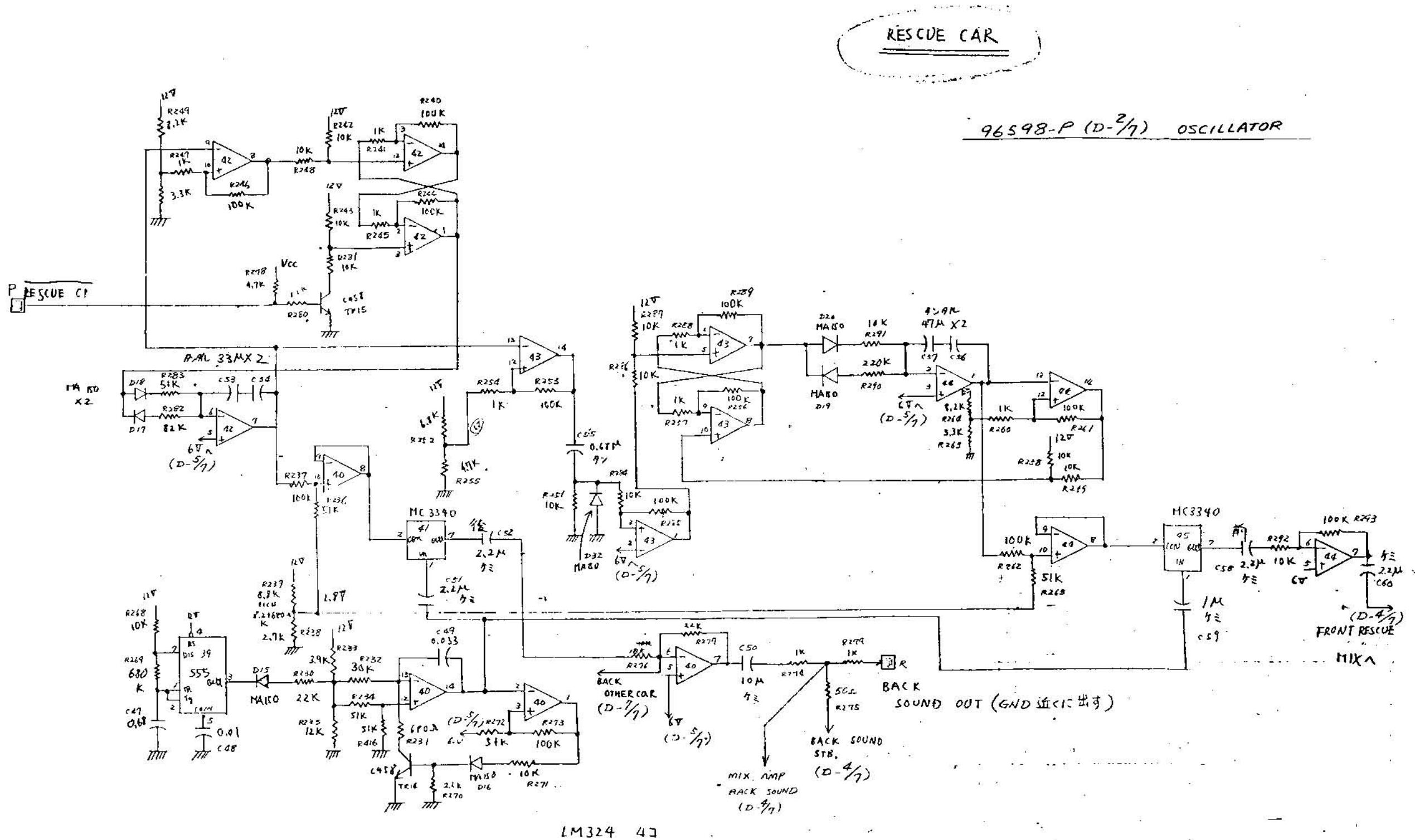


LM324

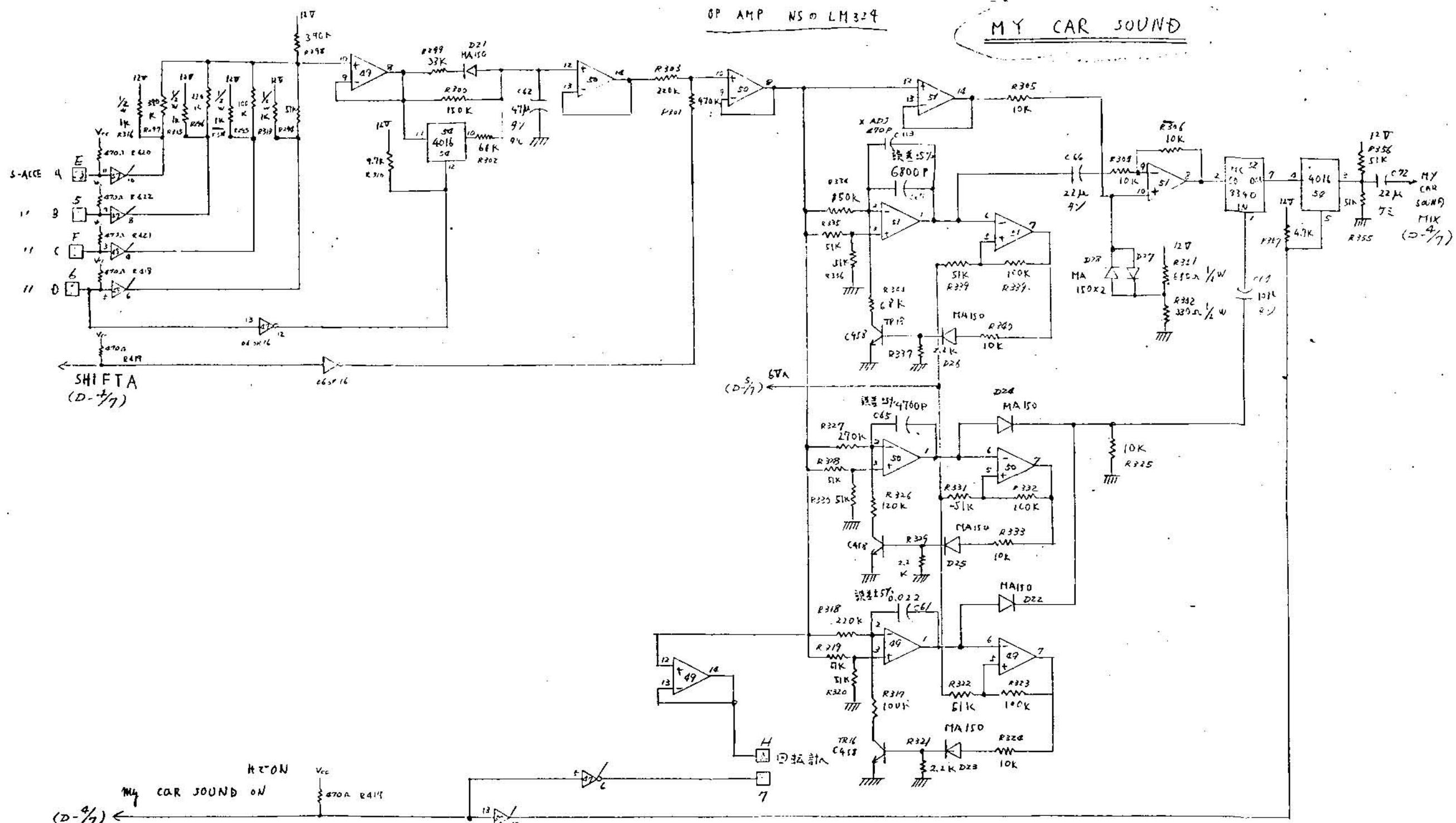
96593-P (D-1/7) OSCILLATOR

(S) - MONACO 61F

OP AMP LM324



S MONACO GIP



LM 324 x

04 x

07

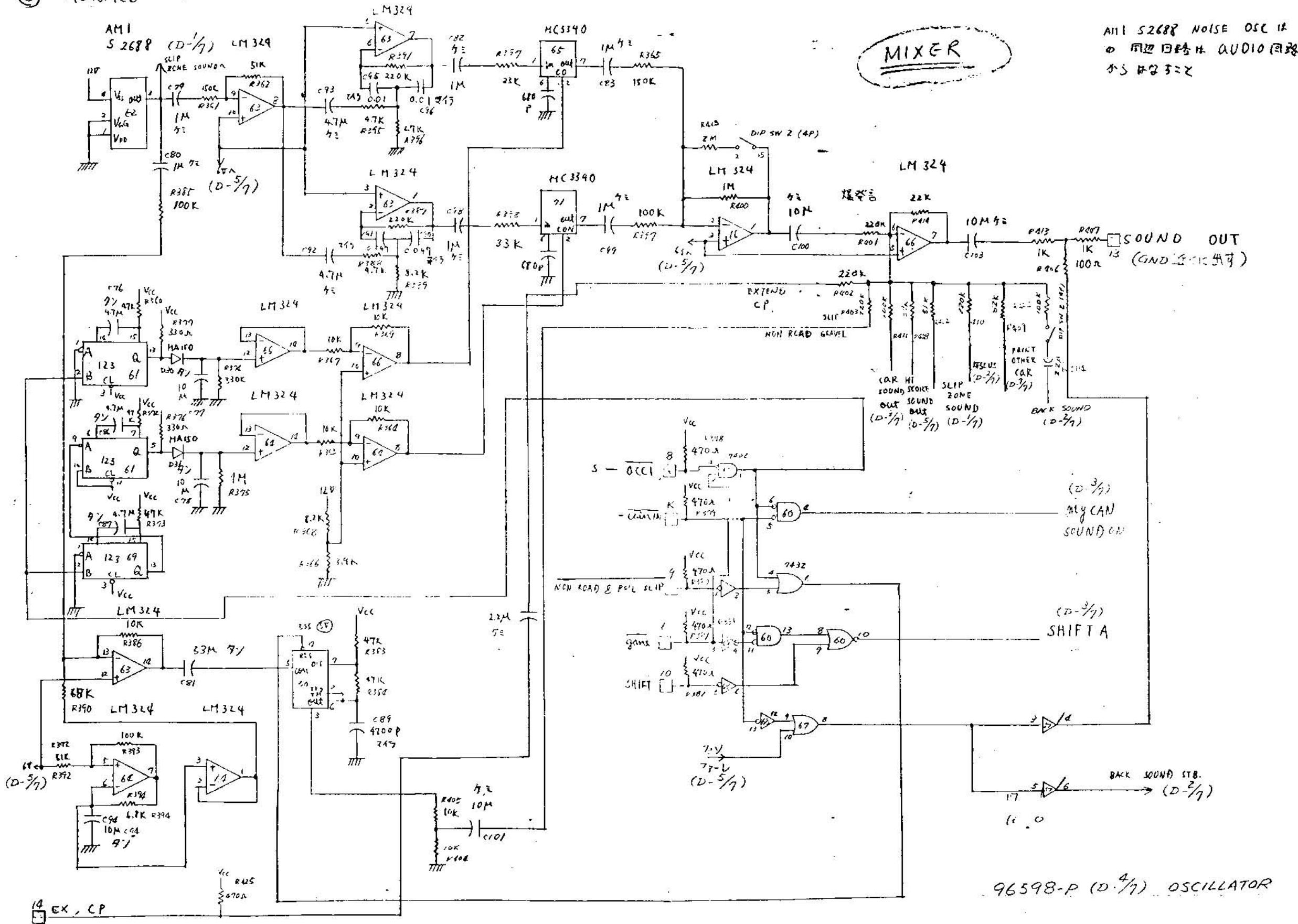
1340 K

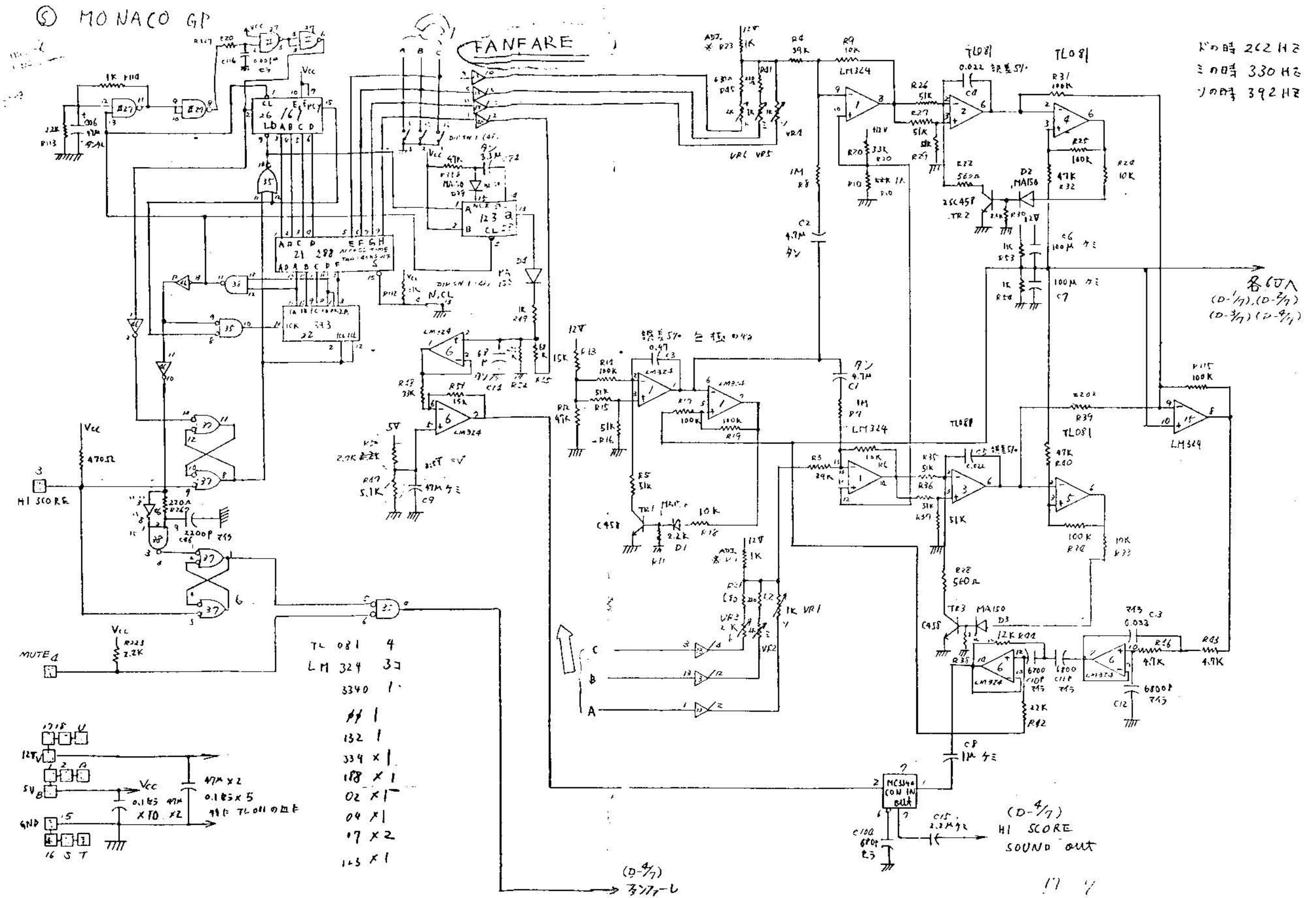
回転計 内部 メーター類の ランフ

は 12V AC 又は DC

15
K₂ 750 MA

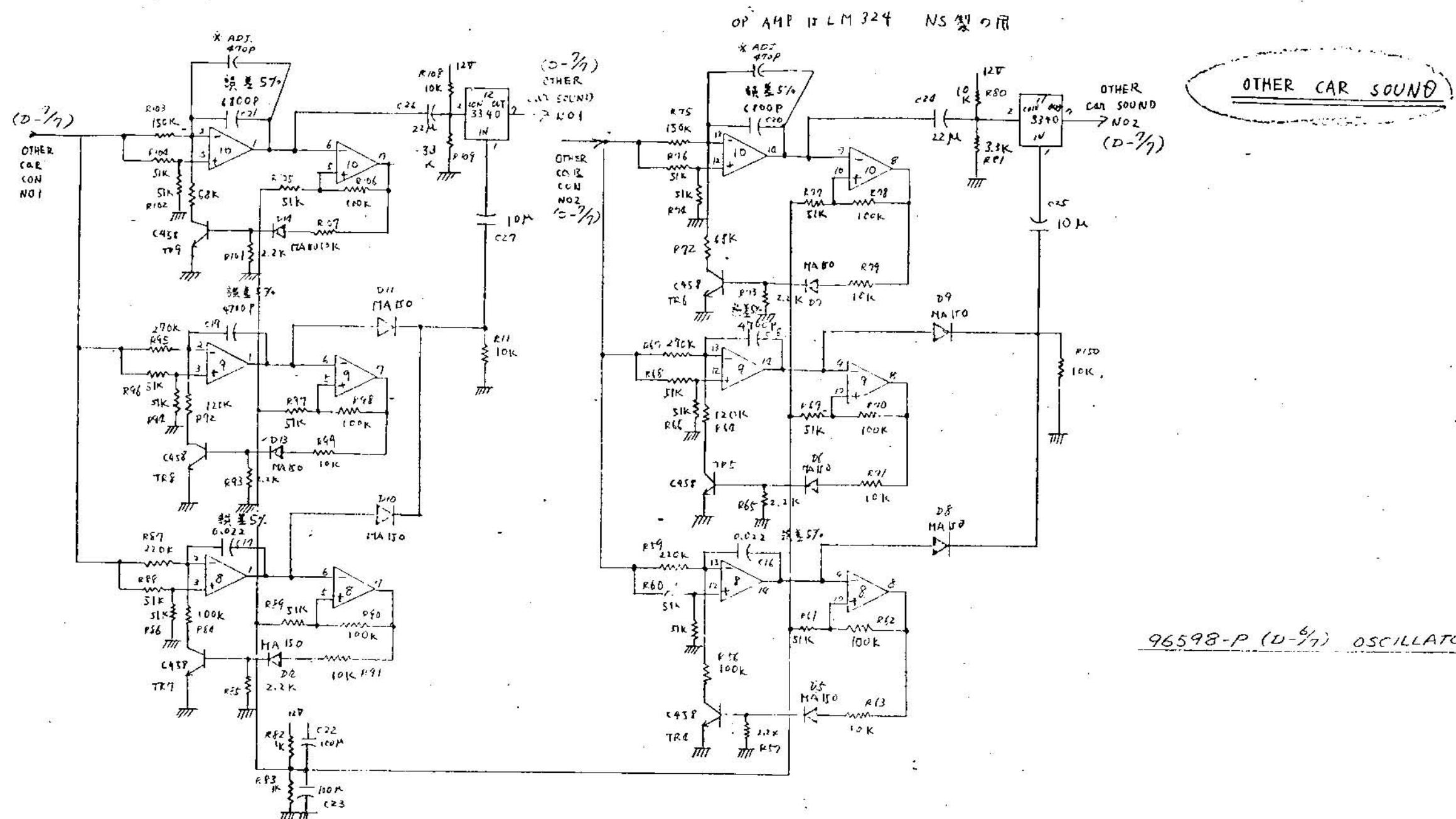
(S) - MONACO GP





96598-P 10-⁵/71) OSCILLATOR

⑤ - MONACO GP

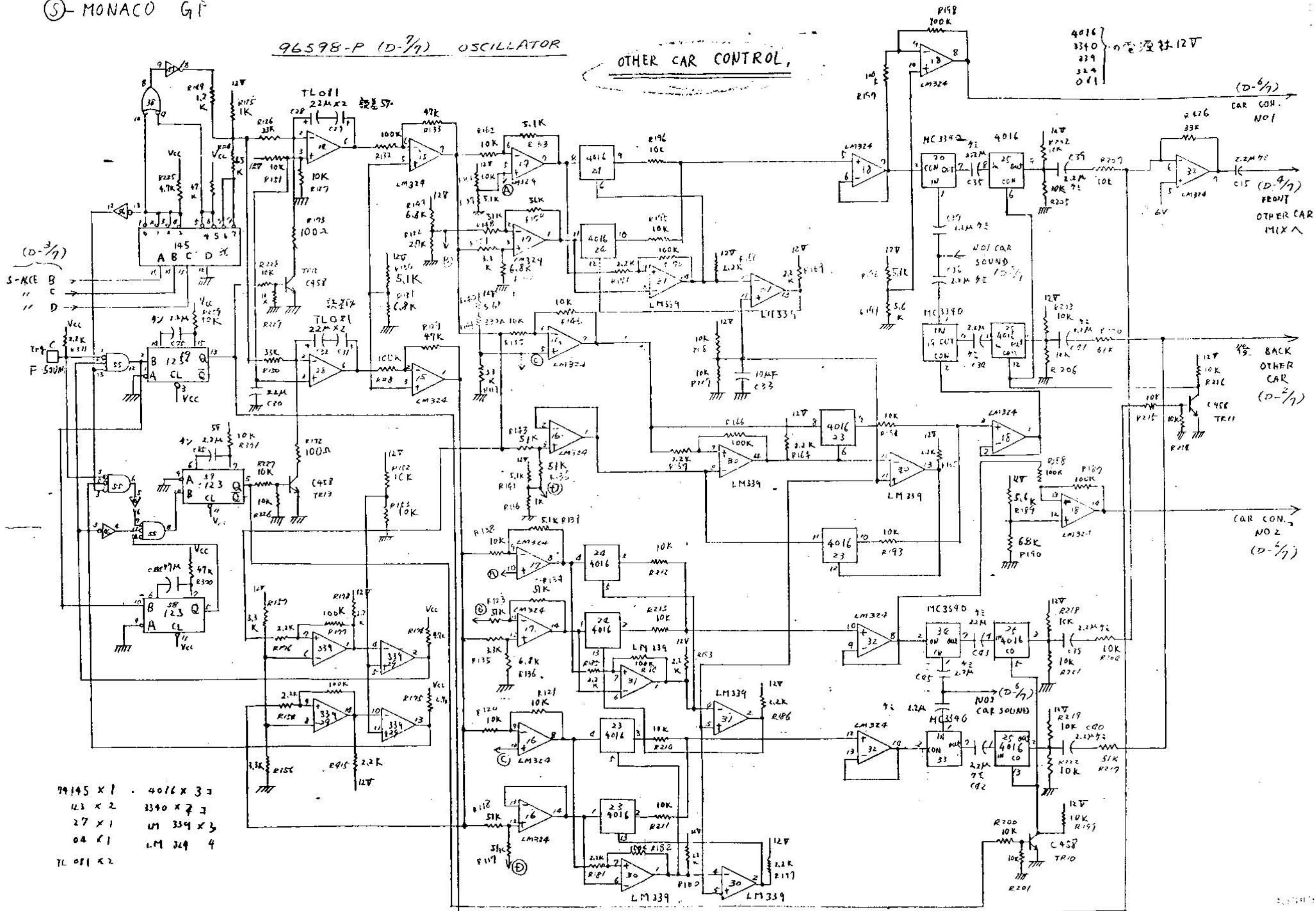


LM324 X3
MC3340 X2

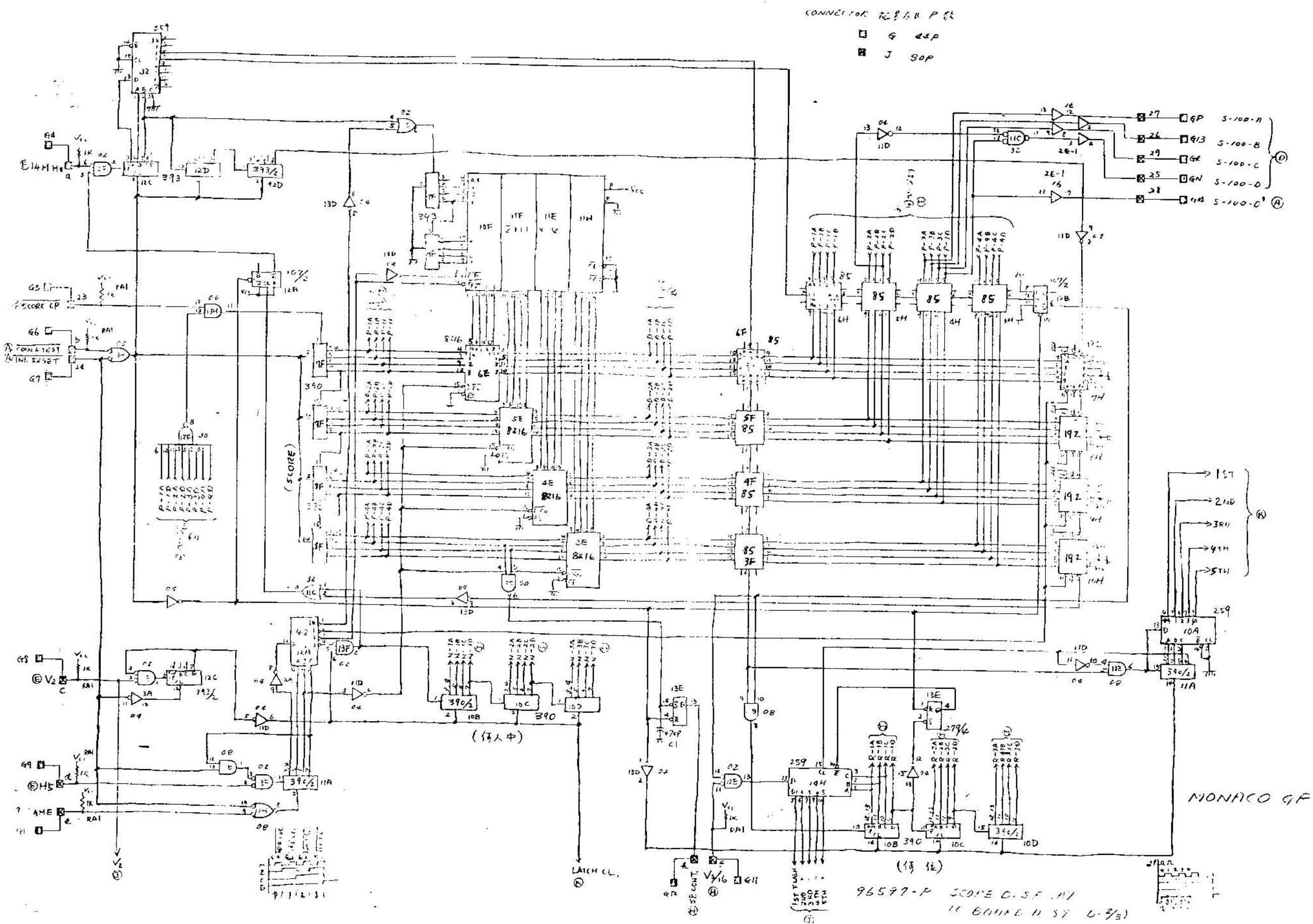
(S)-MONACO GP

96598-P (D-7/7) OSCILLATOR

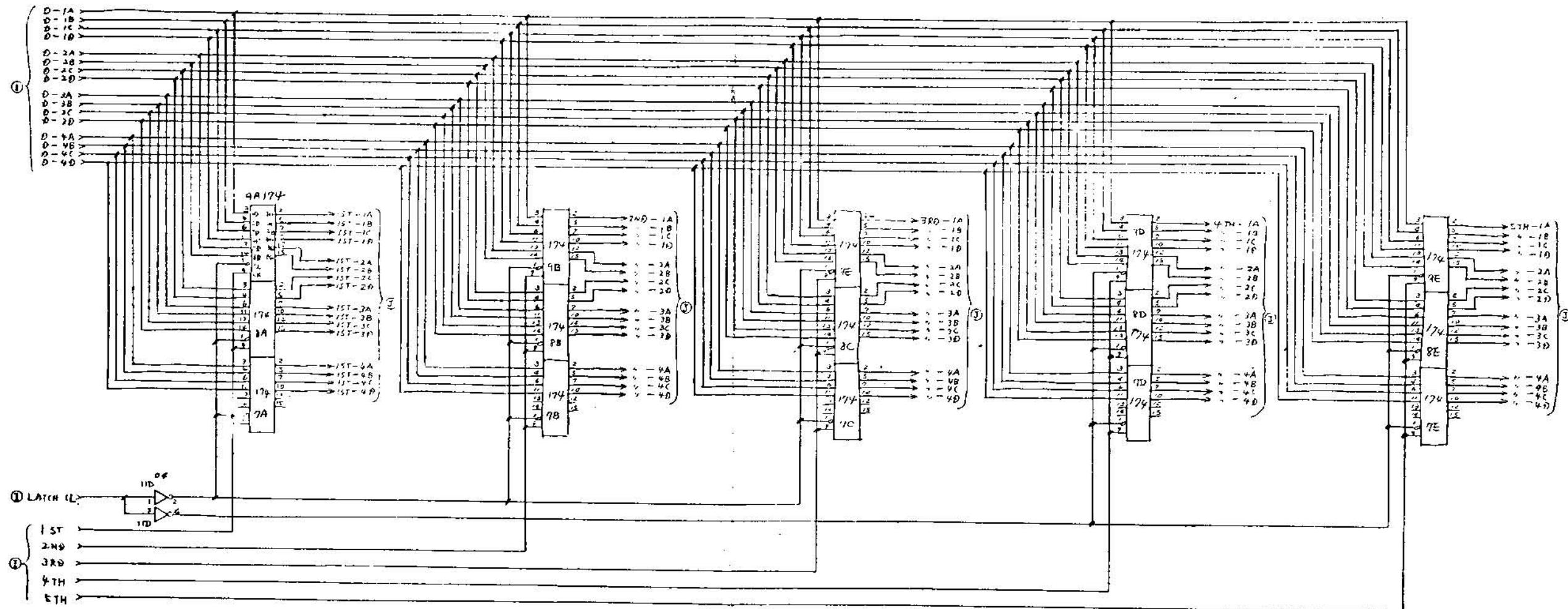
OTHER CAR CONTROL



I



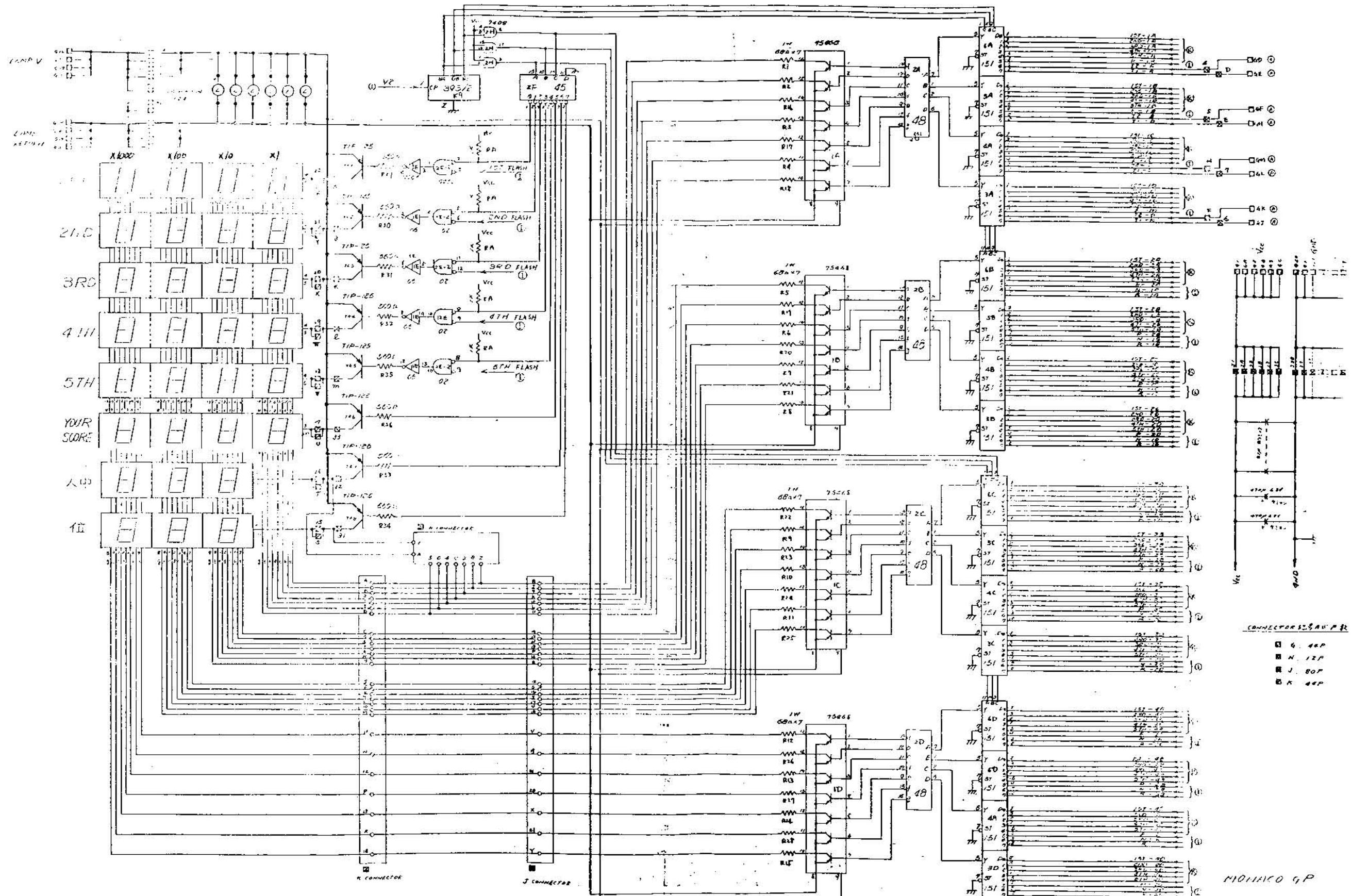
(K)



96597-P SCORE DISPLAY IC EIGHT-DIGIT ASSY.(D-33)

MONACO GP

(J)



96620-P
SCORE DISPLAY LED BOARD ASSY

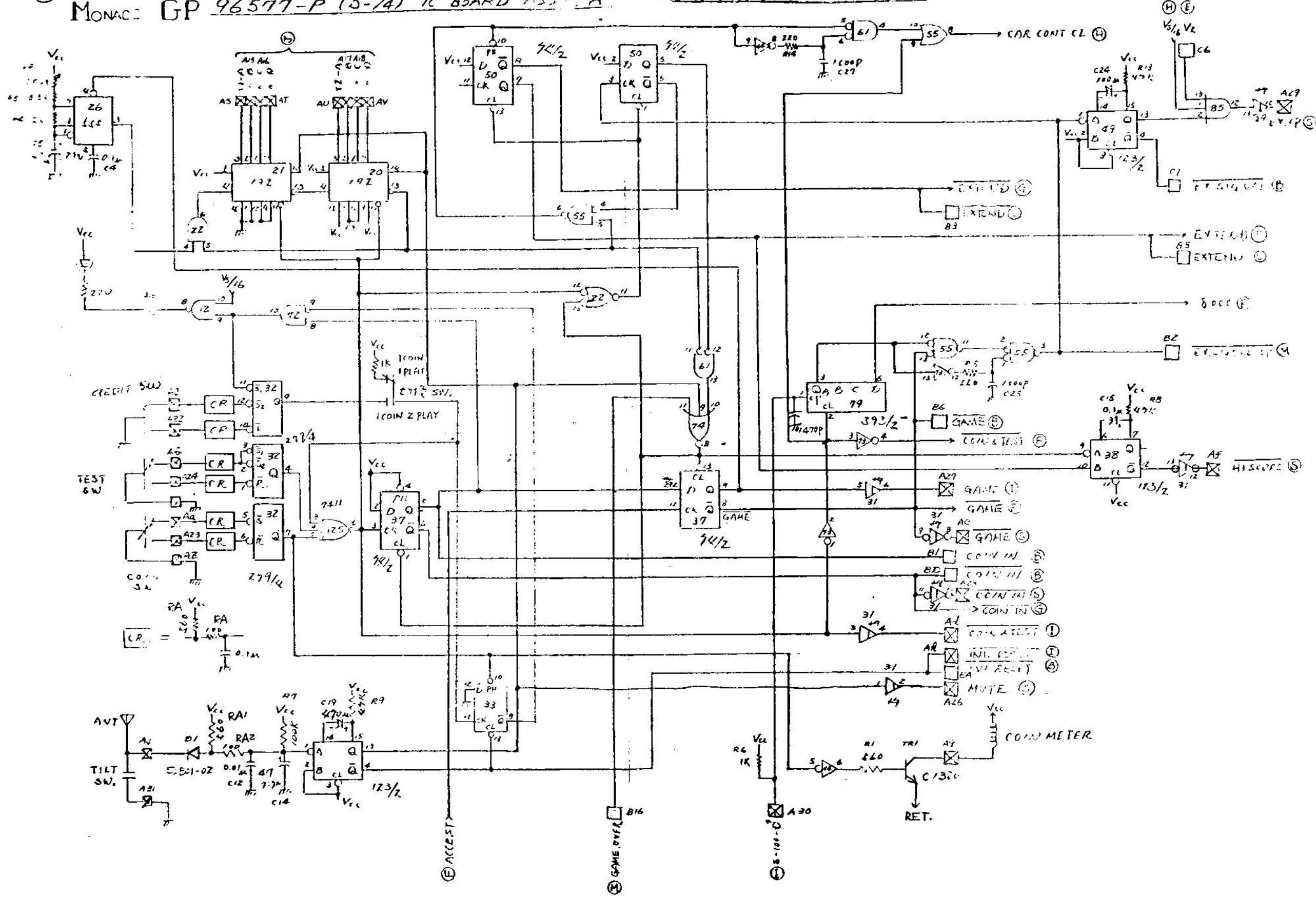
96597-P
SCORE DISPLAY IC BOARD ASSY.
MOTHER BOARD ASSY.

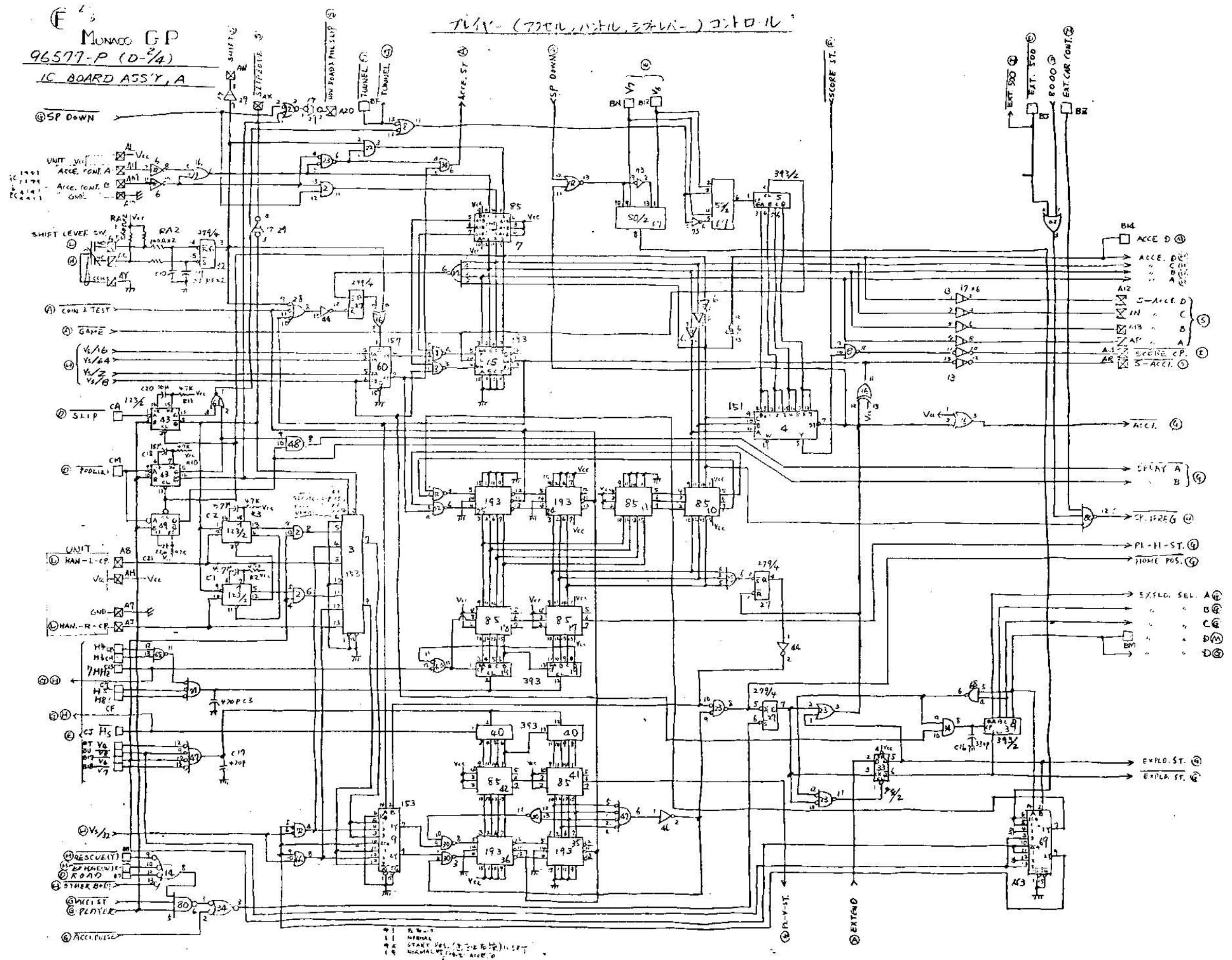
96597-P SCORE DISPLAY IC BOARD ASSY. (D-19)

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MONACI GP 96577-P (S-1/4) IC BOARD ASSY

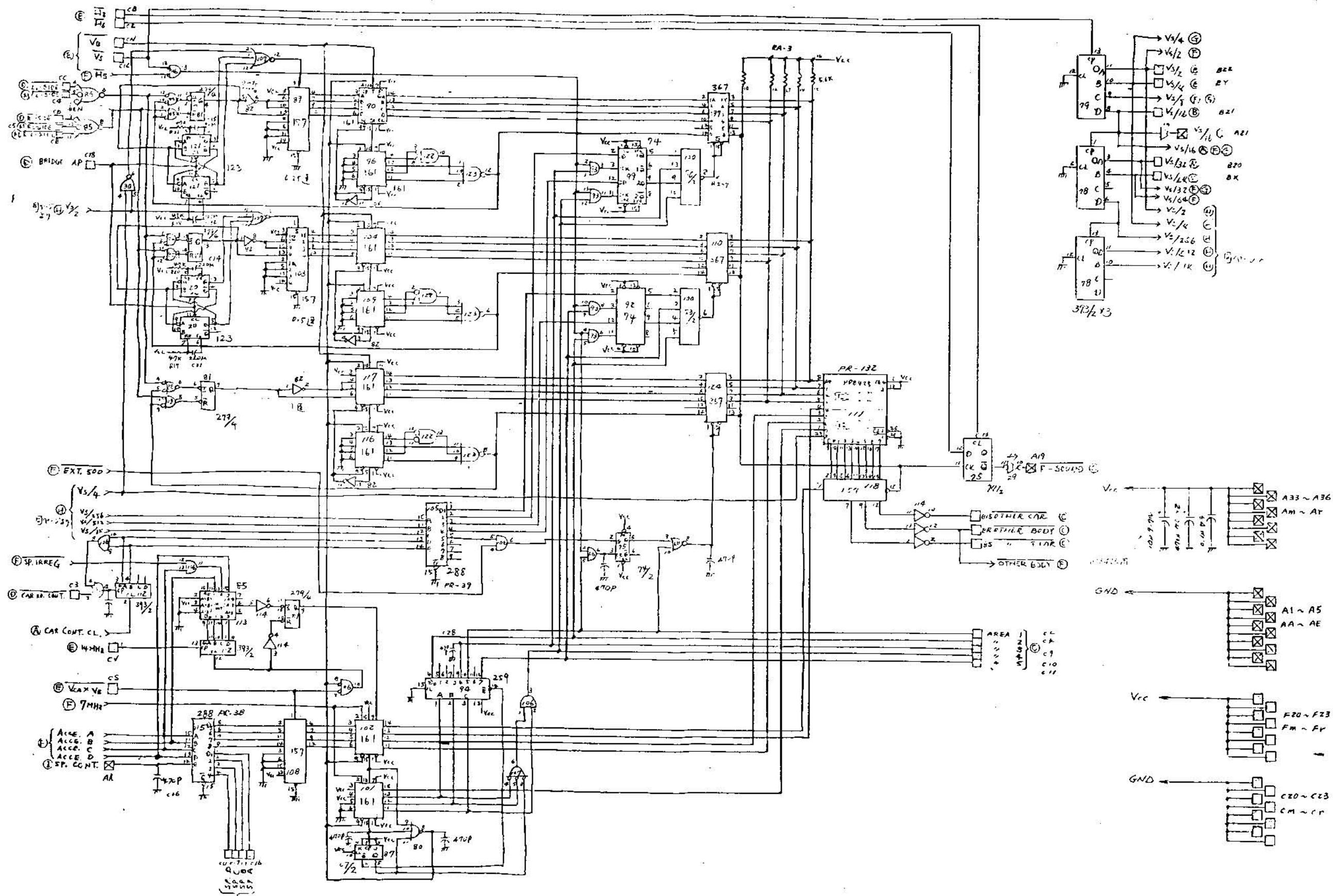
ストップマーク・コントロール





MONAD GP 96577-P (D-4/4) IC BOARD ASS'Y, A

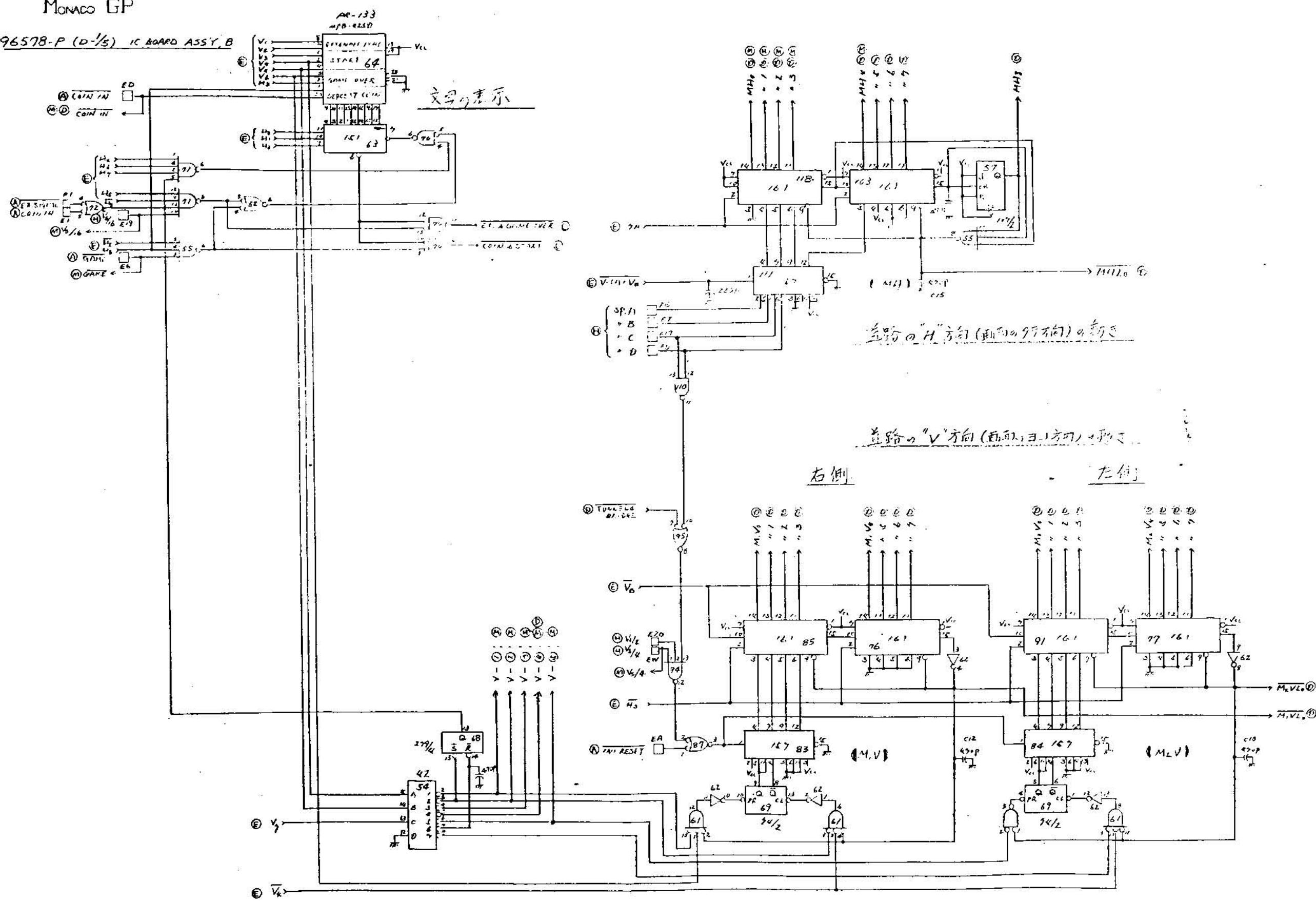
OTHER CAR OF THE STATION



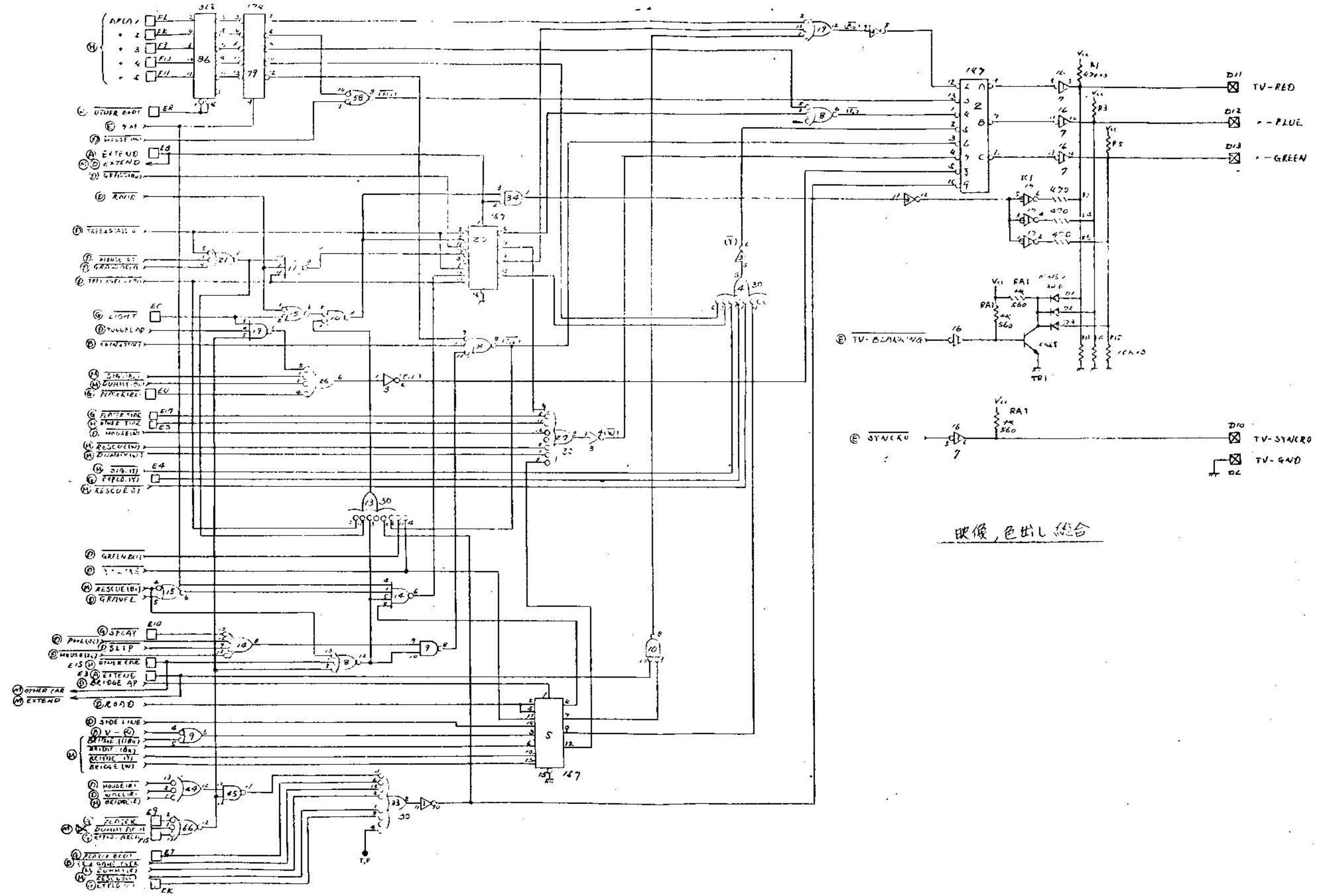
B 2/4

Monaco GP

96578-P (D-1/5) IC BOARD ASS'Y, B

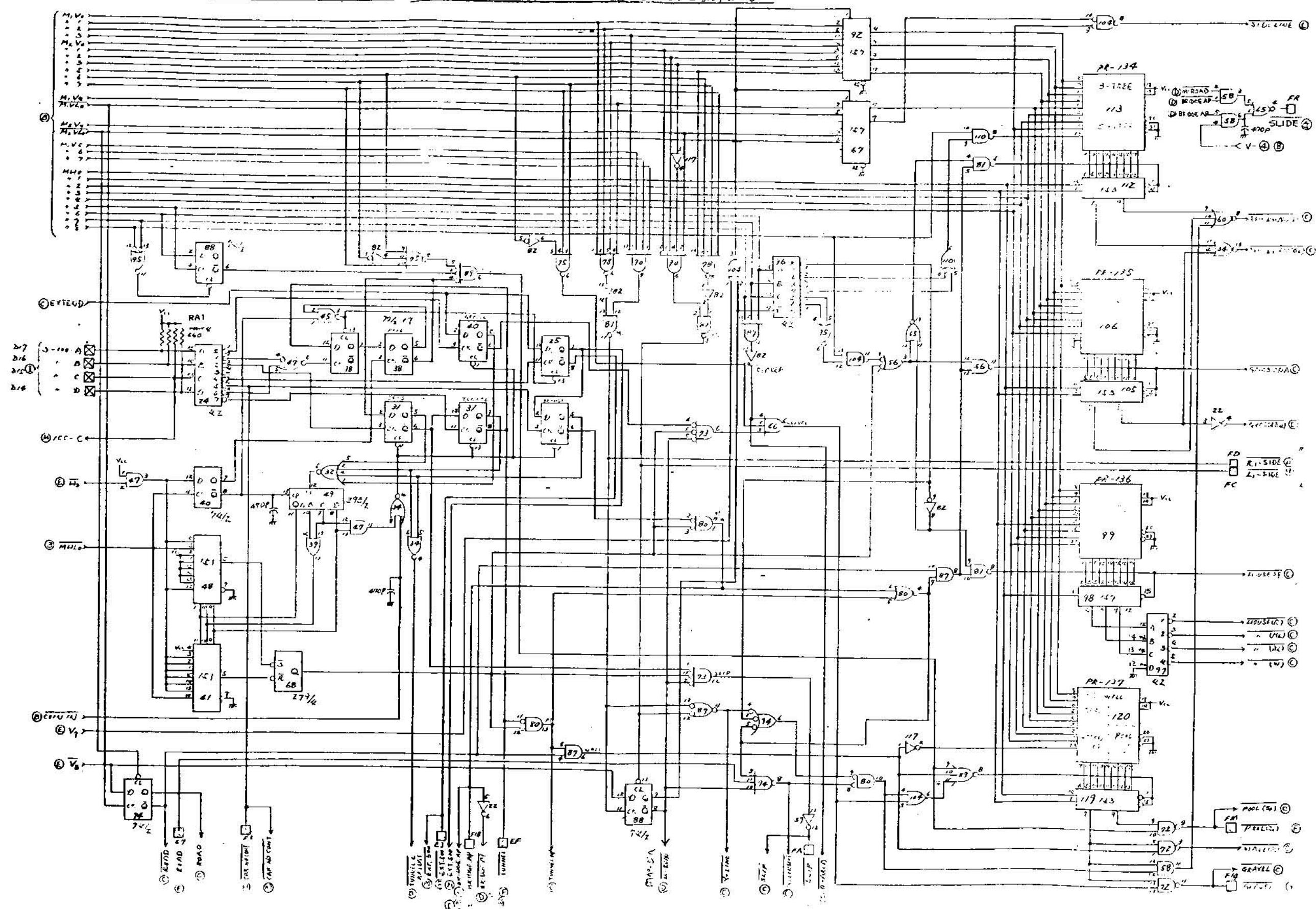


(C) M.NAO GP 96578-1 (0-15) IC BOARD ASSEMBLY



(D) ^{2/13} MONACO GP 96578-P (D-³/5) IC BOARD ASS'Y,

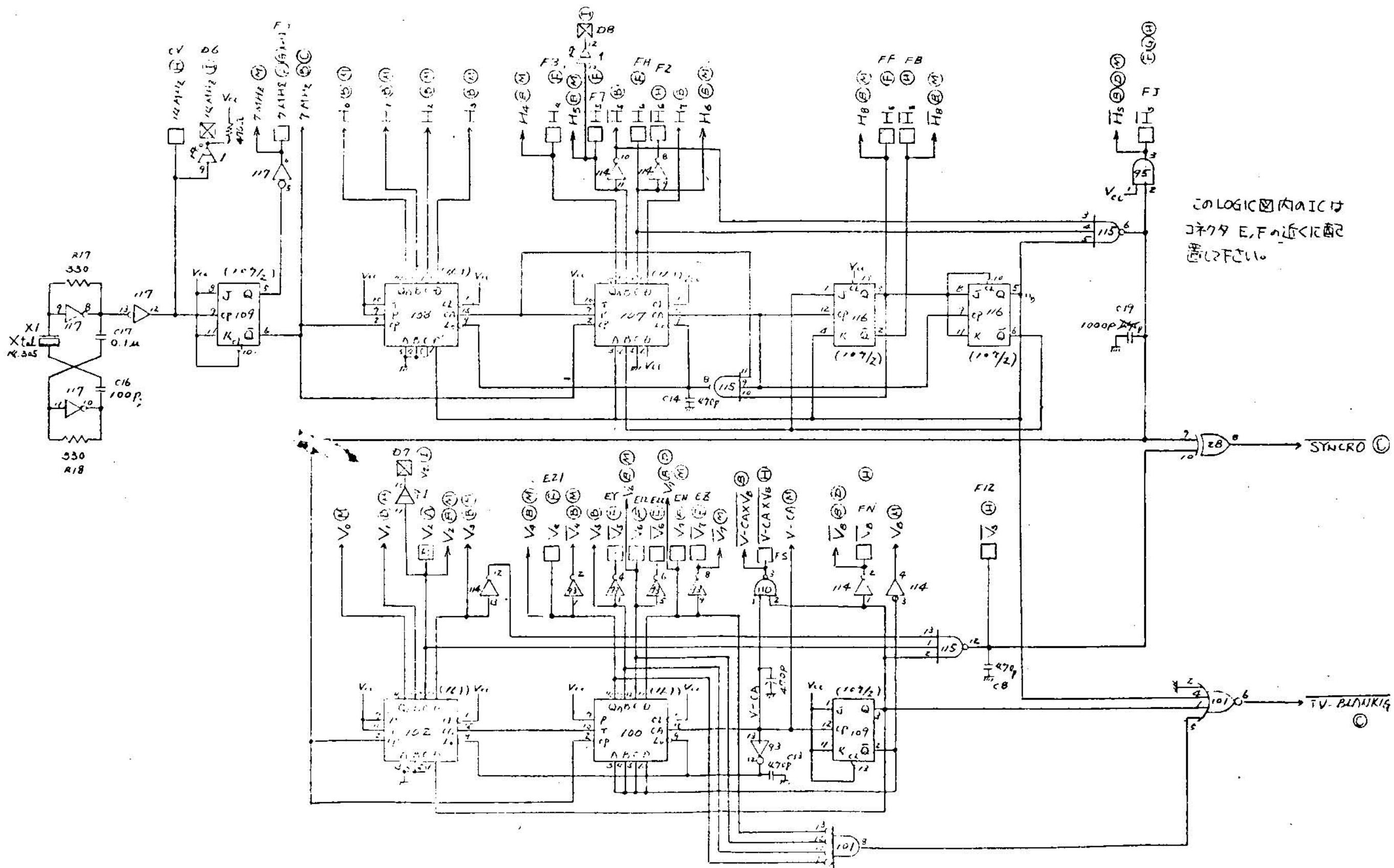
道路上の給油し(トボシ, ボンベ付けて置く)とコントロール



(E) 5/3

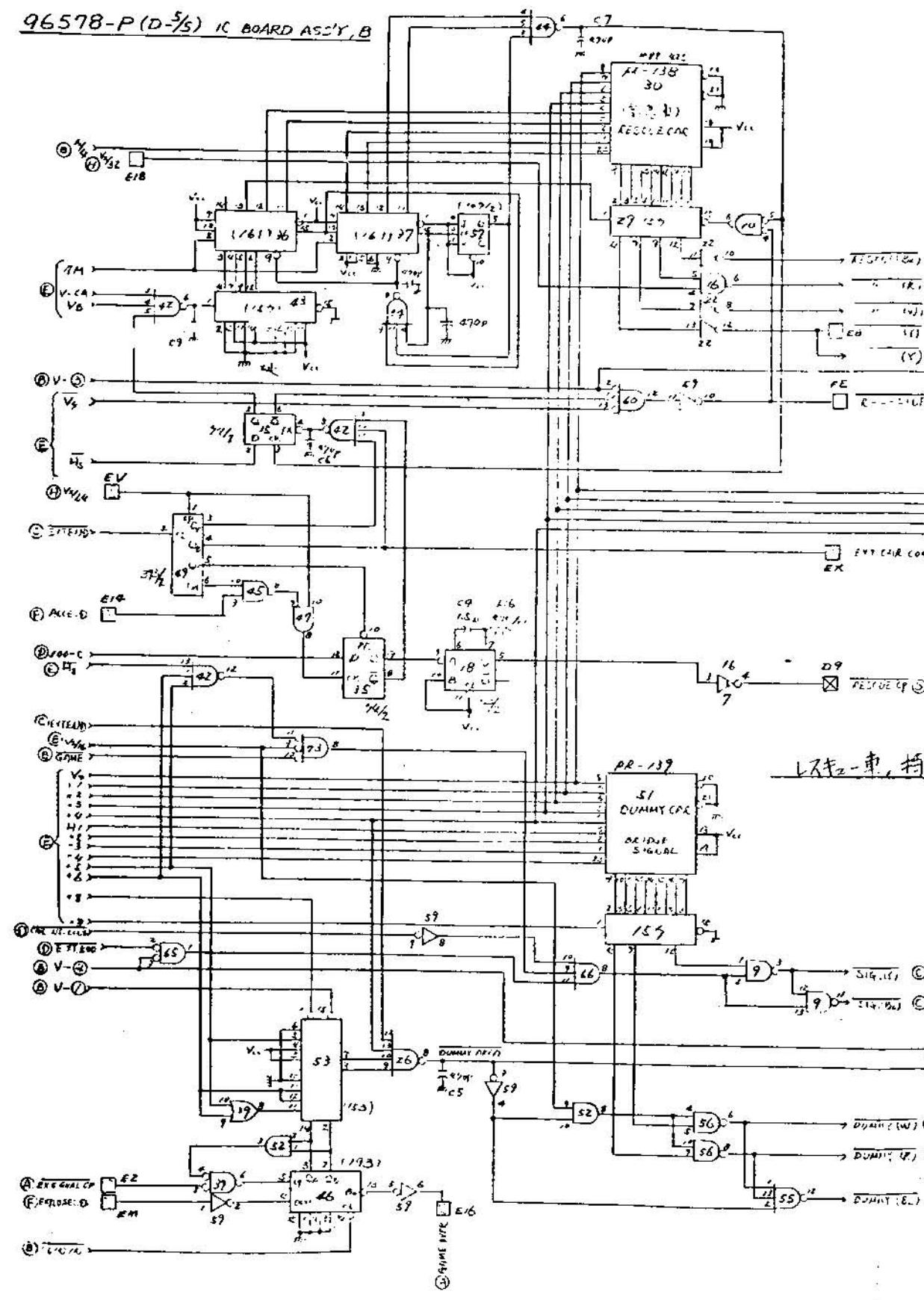
MONACO GP 96578-P (2-15) IC BOARD ASSY, B

回路図



M 1/3
MONACO GP

96578-P(D-5/5) IC BOARD ASSEMBLY



レスキュー車、特車、橋の除雪とコトロール

