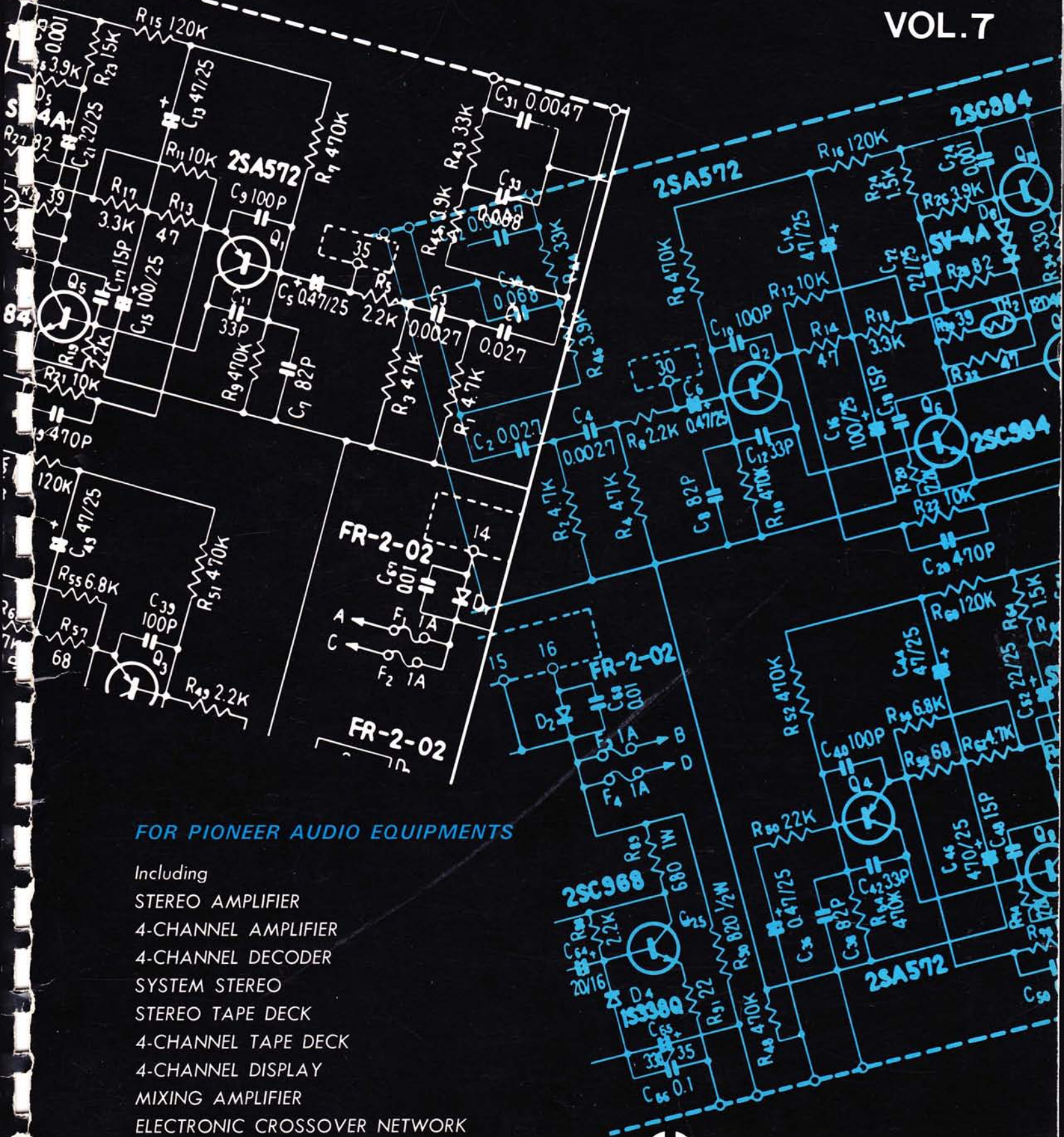


CIRCUIT DIAGRAMS

VOL.7



FOR PIONEER AUDIO EQUIPMENTS

- Including
- STEREO AMPLIFIER
- 4-CHANNEL AMPLIFIER
- 4-CHANNEL DECODER
- SYSTEM STEREO
- STEREO TAPE DECK
- 4-CHANNEL TAPE DECK
- 4-CHANNEL DISPLAY
- MIXING AMPLIFIER
- ELECTRONIC CROSSOVER NETWORK

CONTENTS

STEREO AMPLIFIER

- | | | | |
|---|----------------|---|---------------------|
| ① | SA-5200 | ⑥ | SC-3000 |
| ② | SA-6200 | ⑦ | SM-3000 |
| ③ | SA-7100 | ⑧ | Exclusive C3 |
| ④ | SA-8100 | ⑨ | Exclusive M3 |
| ⑤ | SA-9100 | | |

4-CHANNEL AMPLIFIER

- | | | | |
|---|----------------|---|----------------|
| ⑩ | QA-800A | ⑫ | QM-800A |
| ⑪ | QC-800A | | |

4-CHANNEL DECODER

- | | | | |
|---|----------------|---|---------------|
| ⑬ | QL-600A | ⑮ | QD-240 |
| ⑭ | QD-210 | | |

SYSTEM STEREO

- | | | | |
|---|-------------------|---|--|
| ⑯ | C-4500 | ⑳ | ES-2000
<small>1. K, KCT, M model
2. MSA model</small> |
| ⑰ | C-4500A | ㉑ | Prelude 4000 |
| ⑱ | C-4600 | ㉒ | Prelude 4000A
<small>1. MSA model
2. M model</small> |
| ㉓ | Rondo 3000 | ㉔ | FD-3 |
| ㉕ | E-1000A | | |

STEREO TAPE DECK

25 CT-3131

26 CT-4141

27 CT-5151

28 CT-3131A

29 CT-4141A

30 CT-F6161

31 CT-F7171

32 RT-71

33 RT-1011L

34 RT-1020L/F

35 RT-1020L/FU

36 RT-1020H

37 RT-1050

4-CHANNEL TAPE DECK

38 QT-74

MIXING AMPLIFIER

40 MA-62

4-CHANNEL DISPLAY

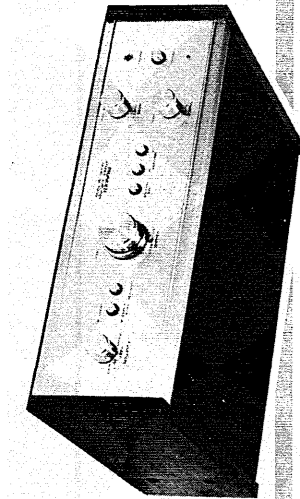
39 SD-1100

ELECTRONIC CROSSOVER NETWORK

41 SF-850

NOTES:

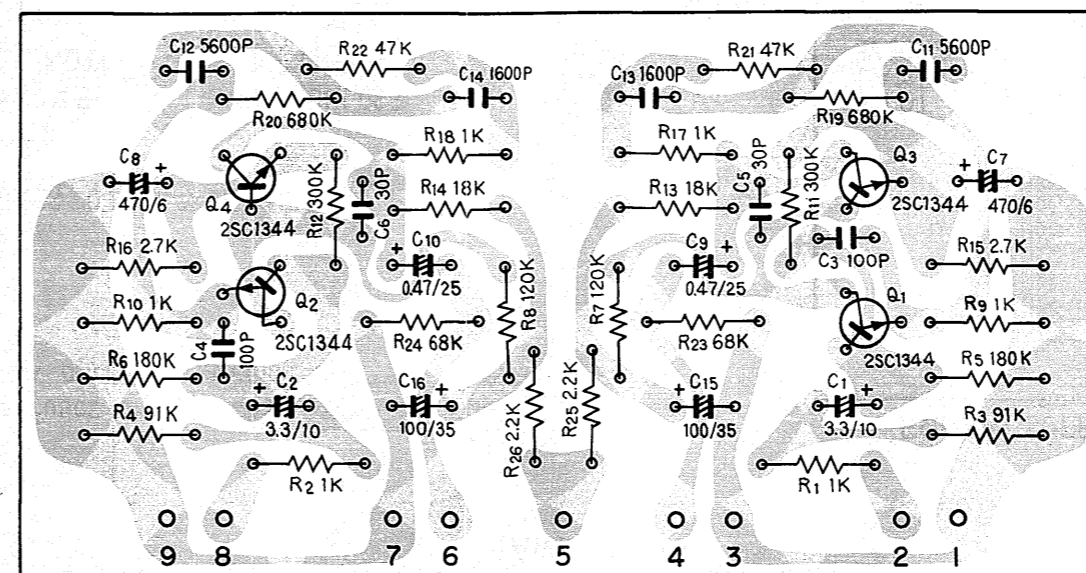
- Each line voltage and standard (i.e., UL, CSA, SEV, SABS, etc.) of each model is partially altered to conform to the requirements of a destination to which model is shipped. See a space available on supplied circuit diagram.
- Each symbol (KU, KC, FV, NB, etc.), which shows a destination for which necessary standard has been acquired, is easily identifiable with the round label on the rear panel of each model.



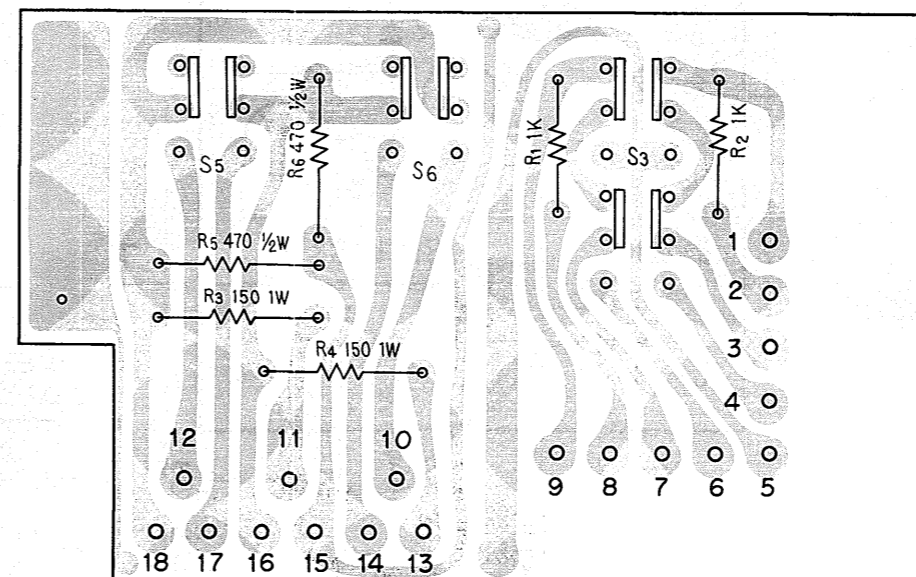
STEREO AMPLIFIER
SA-5200
FV KC KU

1

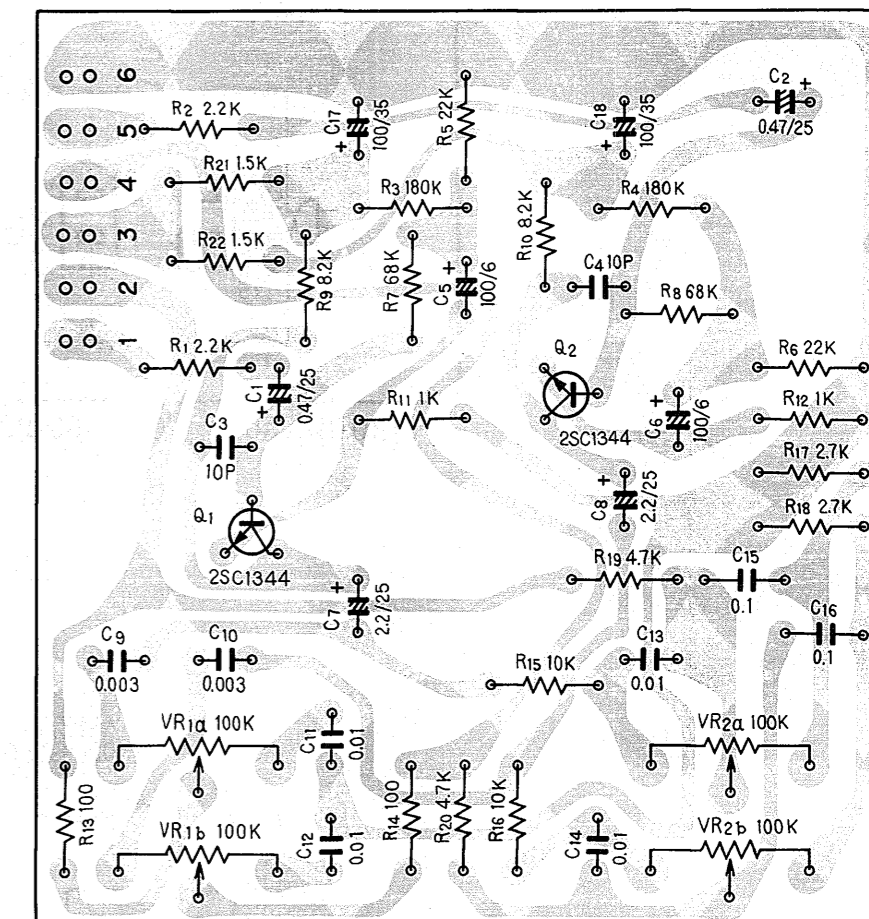
Equalizer amp ass'y AWF-008



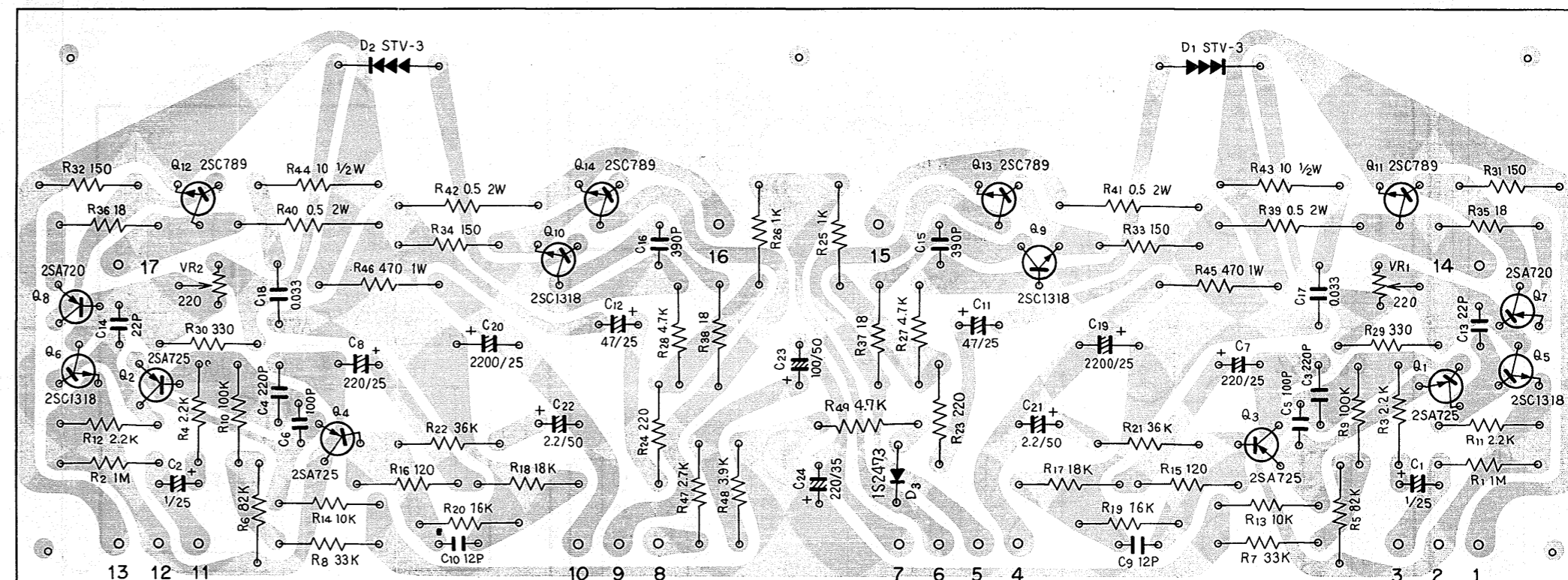
Switch circuit A ass'y AWS-046



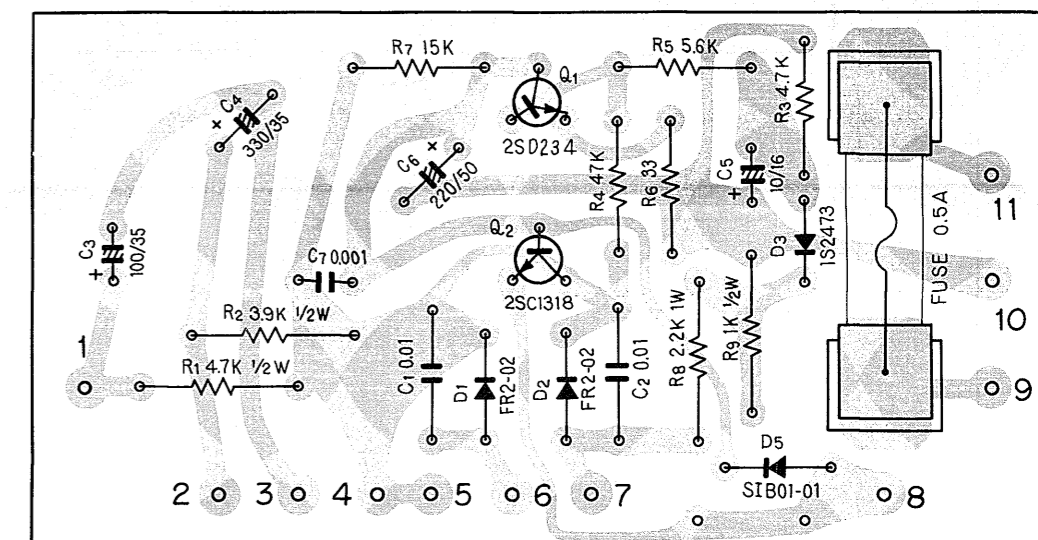
Control amp ass'y AWG-021



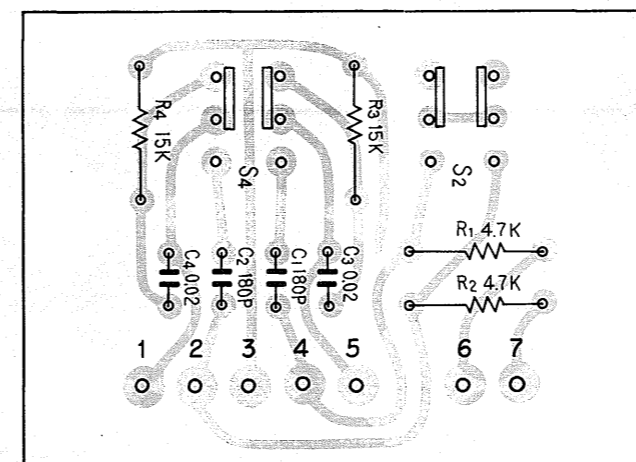
Power amp ass'y AWH-019



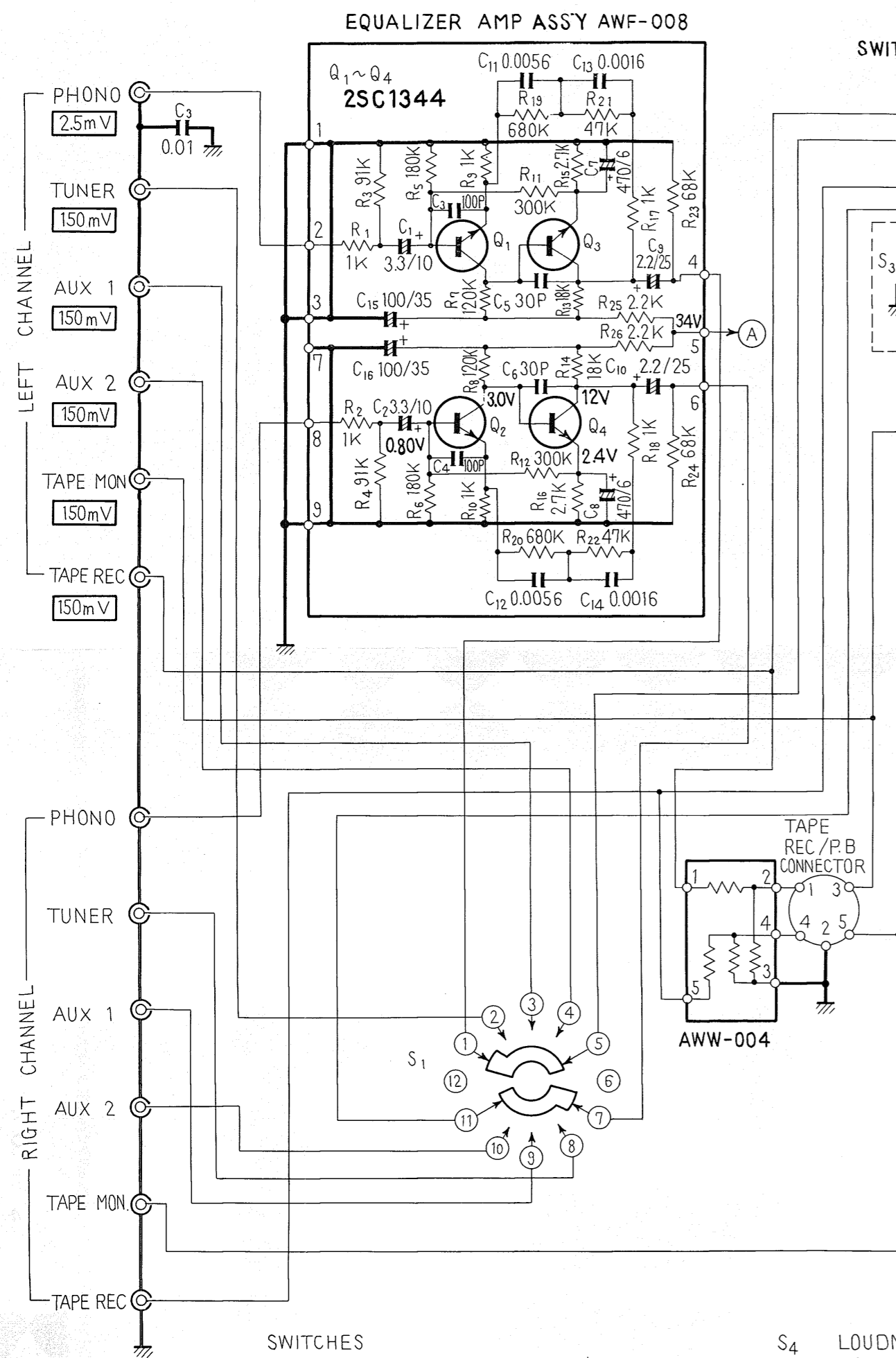
Power supply ass'y AWR-034



Switch circuit B ass'y AWS-047



SA-5200

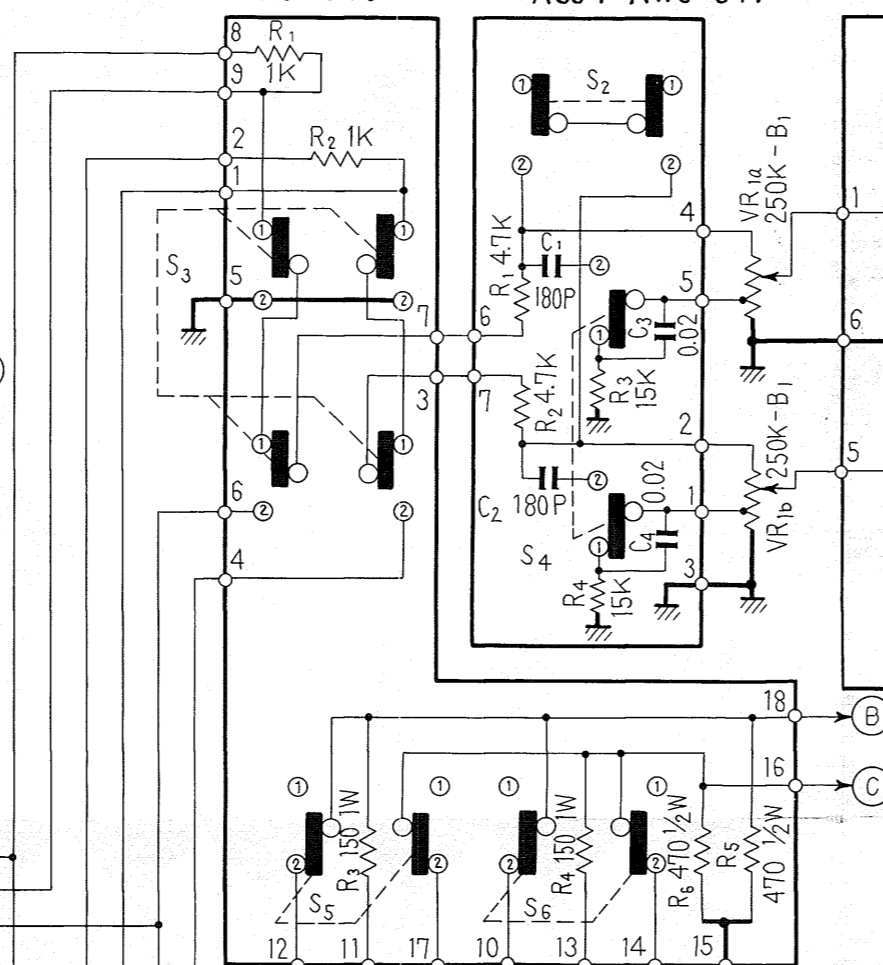


SWITCHES

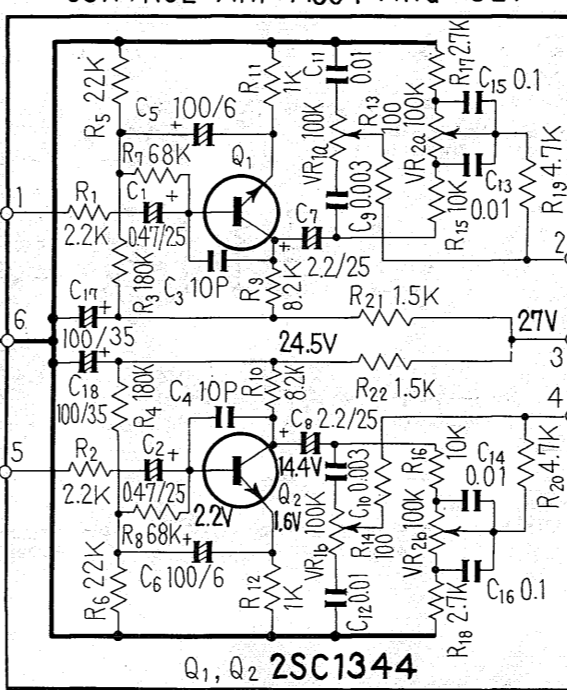
- S₁ FUNCTION (PHONO position)
 - (1) PHONO
 - (2) TUNER
 - (3) AUX 1
 - (4) AUX 2
- S₂ MODE (STEREO position)
 - (1) STEREO
 - (2) MONO
- S₃ TAPE MONITOR (OFF position)
 - (1) OFF
 - (2) ON

SWITCH CIRCUIT - A ASSY AWS-046

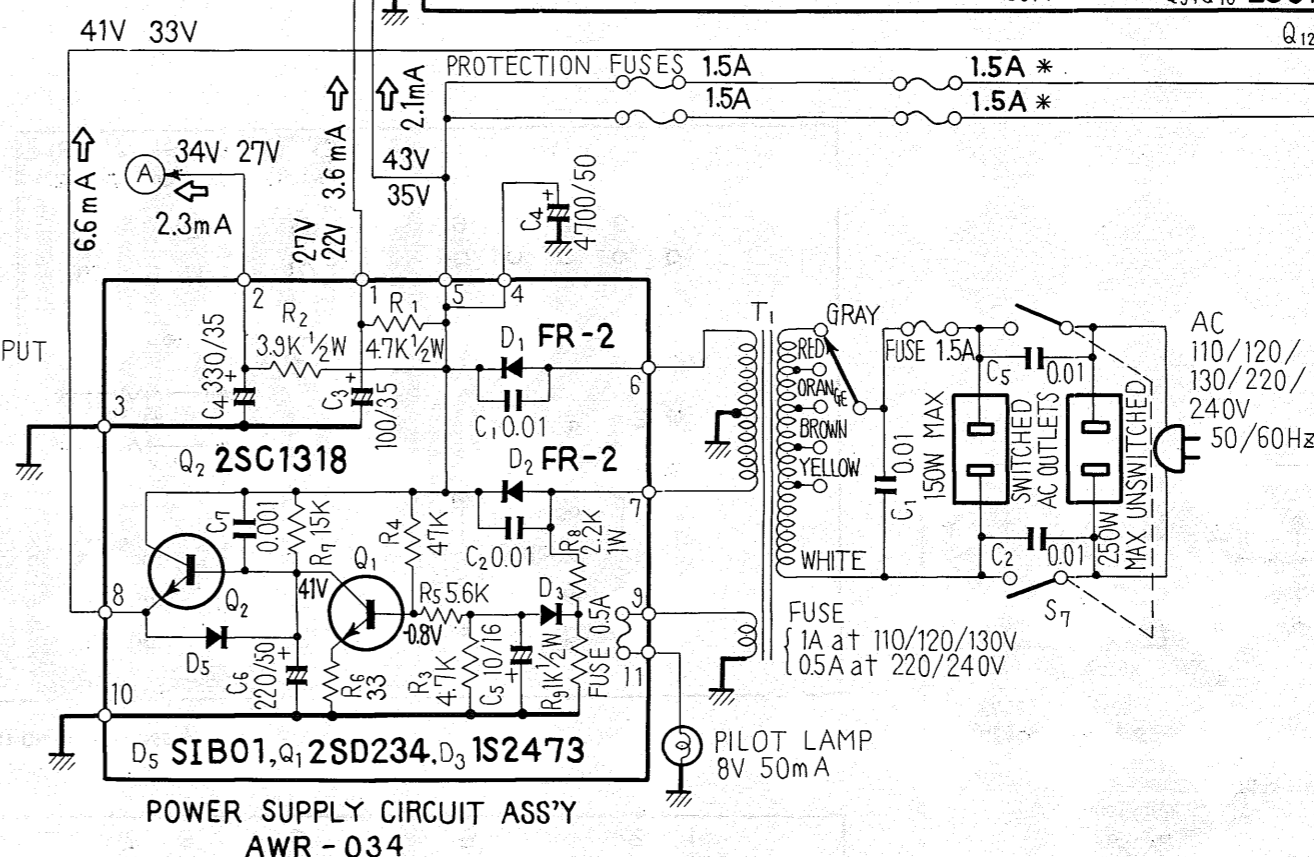
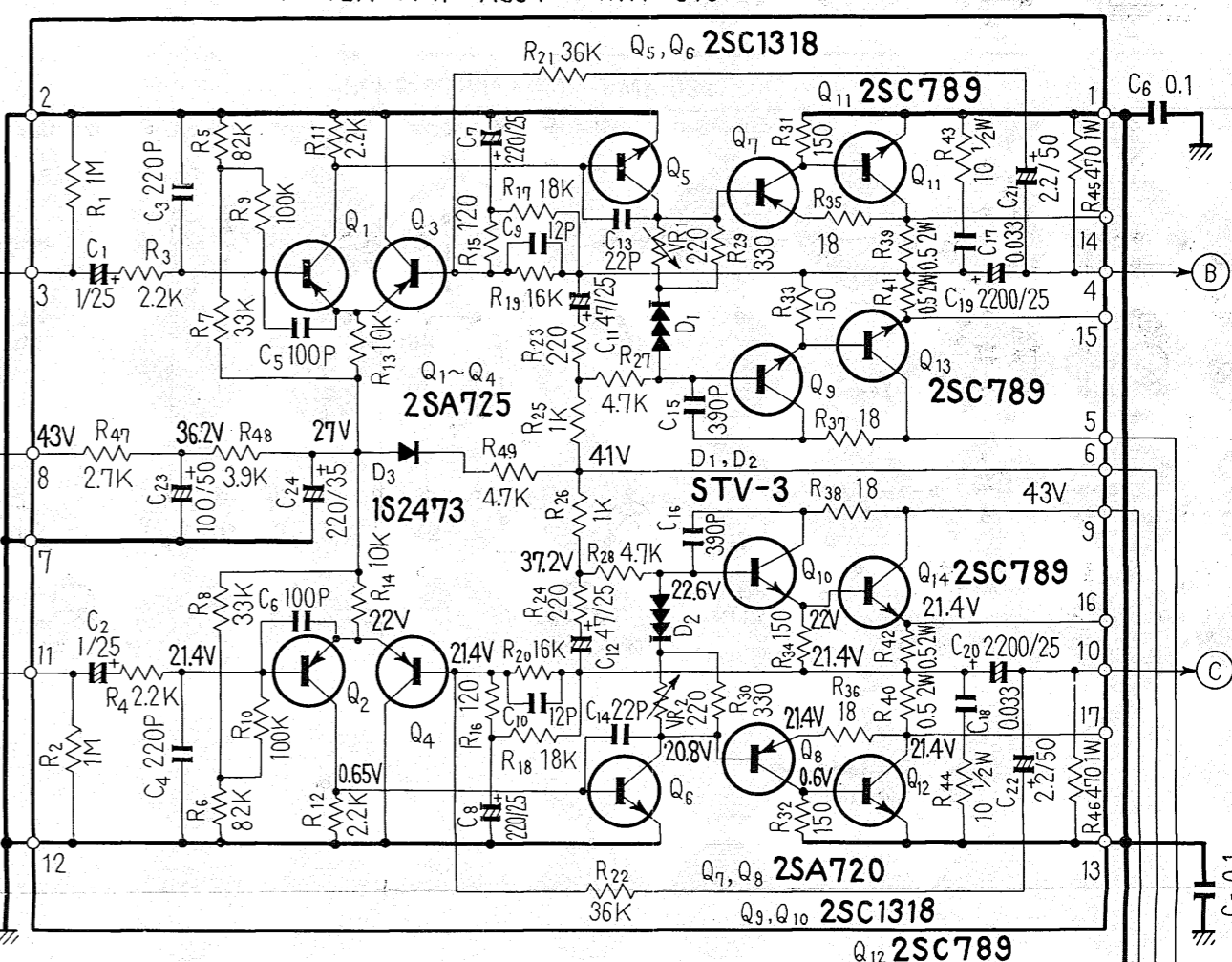
SWITCH CIRCUIT - B ASSY AWS-047



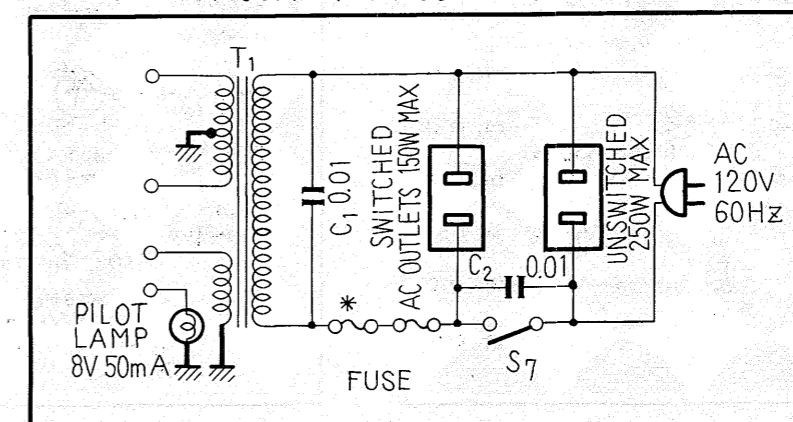
CONTROL AMP ASSY AWG-021



POWER AMP ASSY AWH-019



POWER SUPPLY CIRCUIT FOR 120V MODEL



NOTES

- V : DC VOLTAGE AT NO INPUT SIGNAL
- (V) : DC VOLTAGE AT 16W/8Ω OUTPUT POWER
- ⤴ A : DC CURRENT AT NO INPUT SIGNAL
- ⏏ : SIGNAL VOLTAGE NECESSARY FOR OBTAINING 16W/8Ω OUTPUT POWER (1kHz)

* Asterisked fuses are attached only to CSA approved version.

CAPACITORS
IN μF UNLESS OTHERWISE NOTED P=pF

RESISTORS
IN Ω, 1/4W, ±5% TOLERANCE UNLESS OTHERWISE NOTED K=kΩ, M=MΩ

L R L R
SPEAKER A SPEAKER B

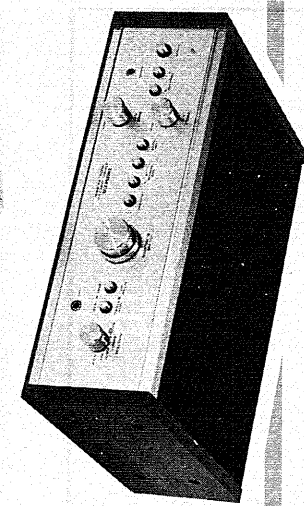
HEADPHONE
150mV/8Ω
SPEAKER OUTPUT

POWER SUPPLY CIRCUIT ASSY
AWR-034

PILOT LAMP
8V 50mA

FUSE
1A at 110/120/130V
0.5A at 220/240V

AC
110/120/
130/220/
240V
50/60Hz



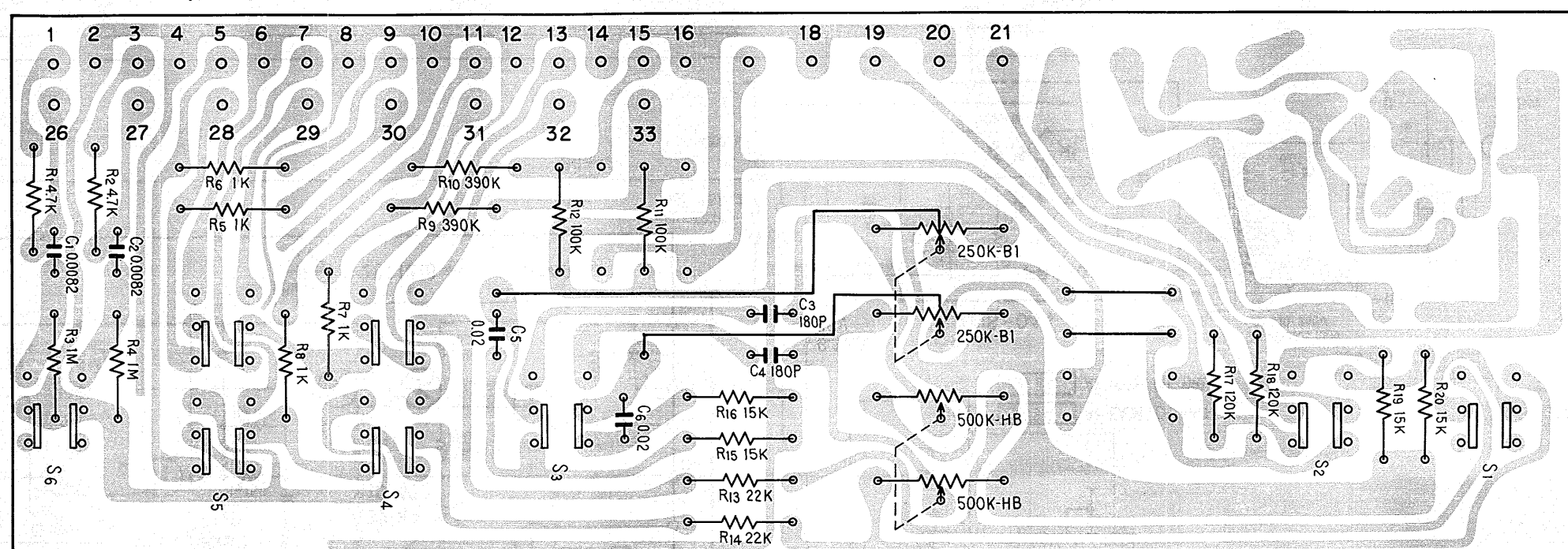
STEREO AMPLIFIER

SA-6200

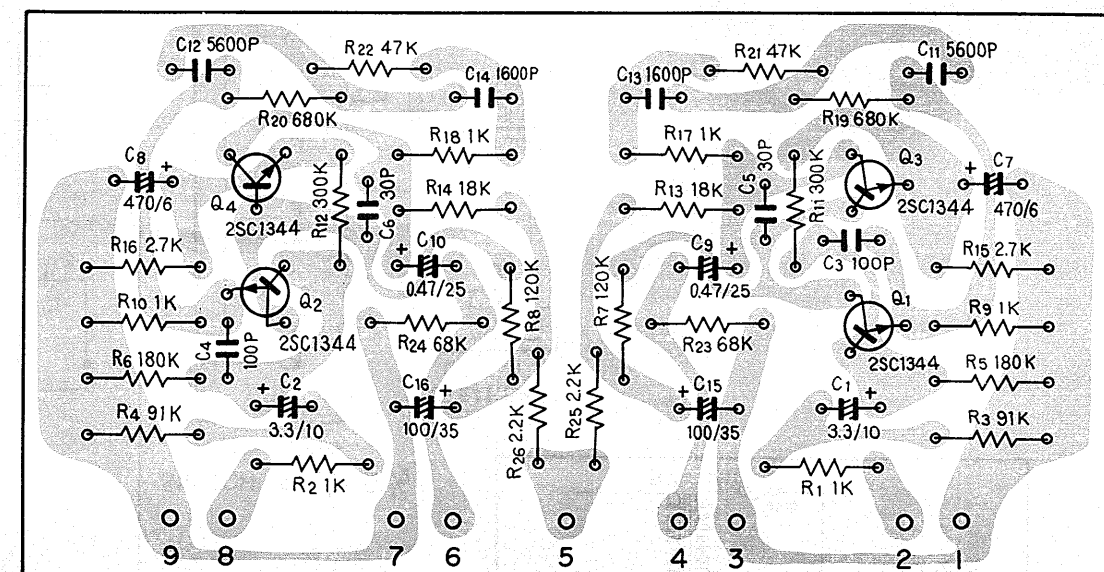
FV NB

2

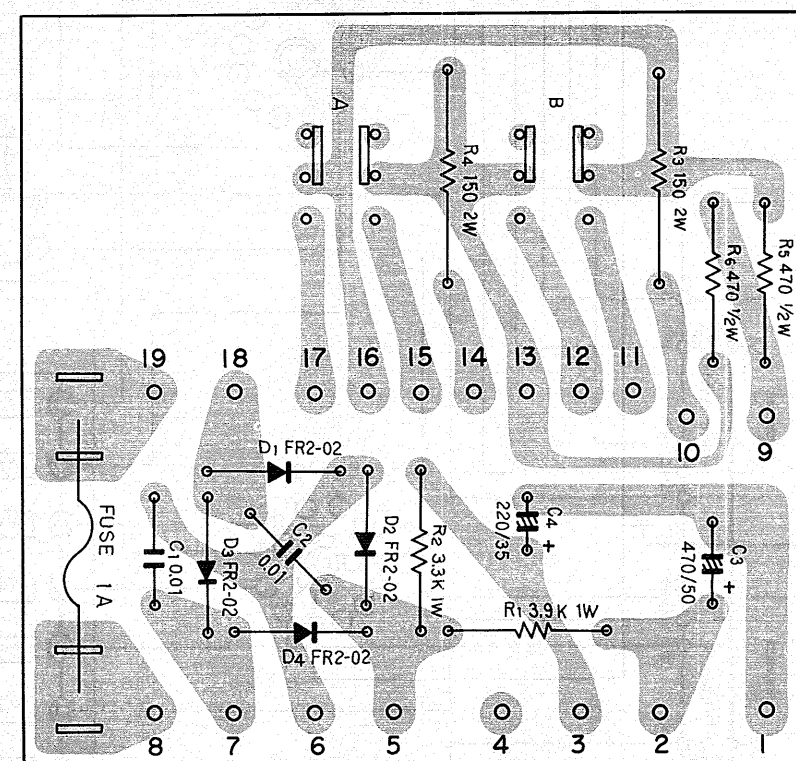
Switch circuit ass'y A AWS-045



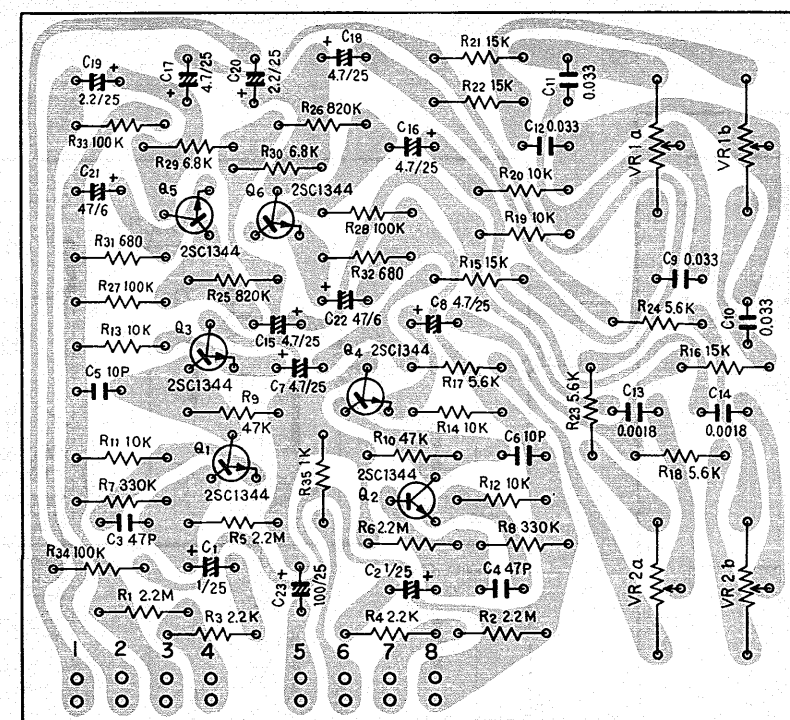
Equalizer amp ass'y AWF-008



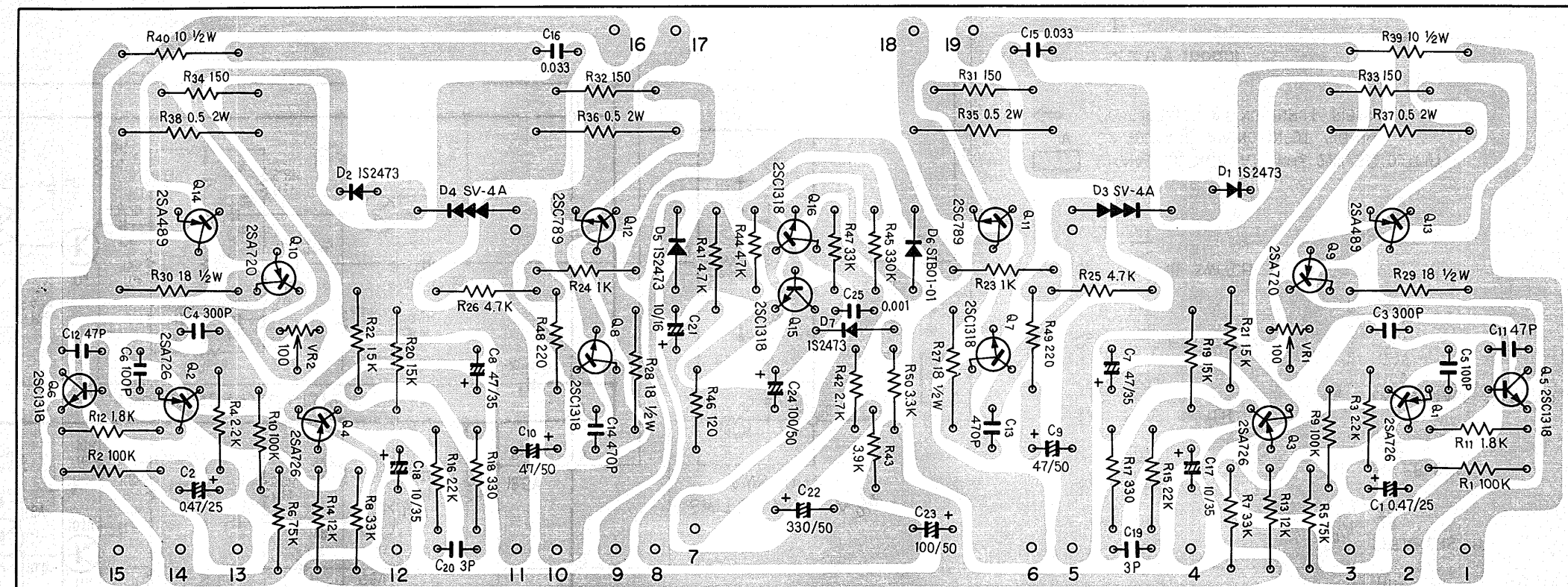
Switch circuit ass'y B AWS-044



Control amp ass'y AWG-020



Power amp ass'y AWH-025

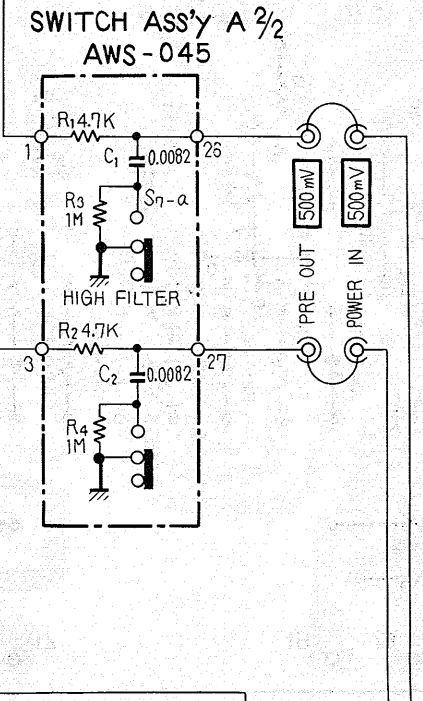
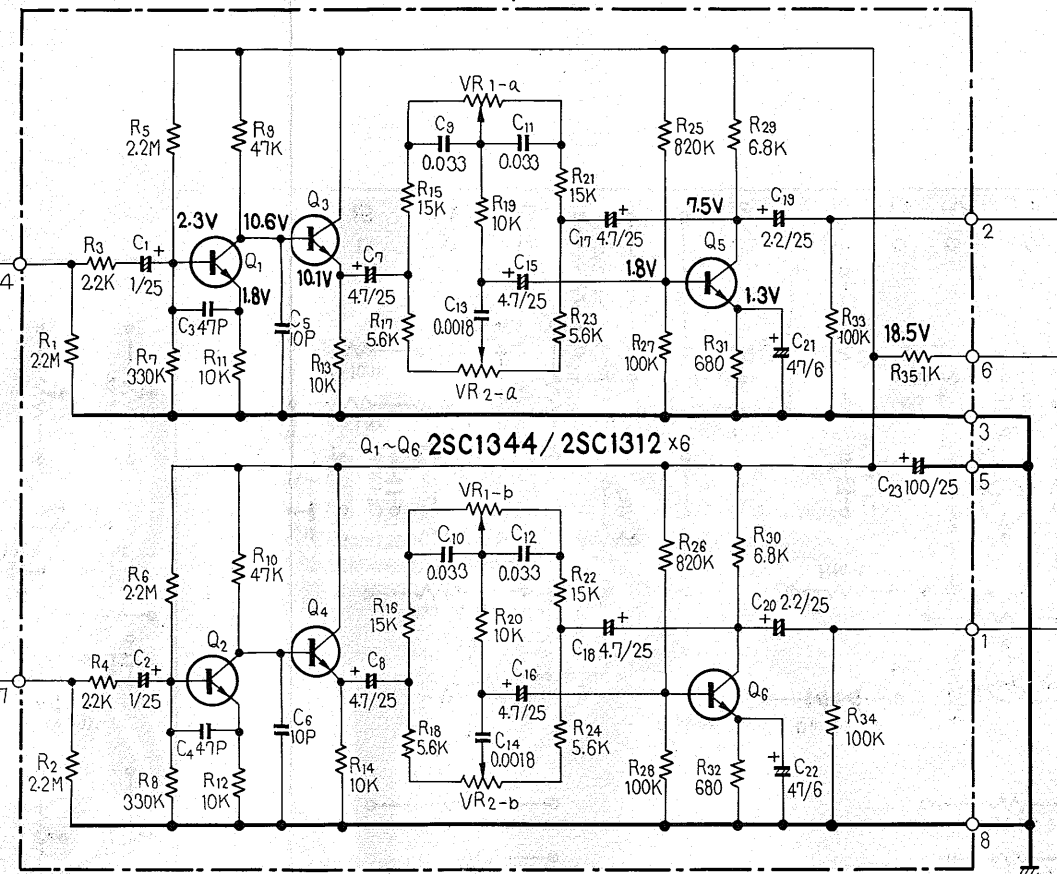
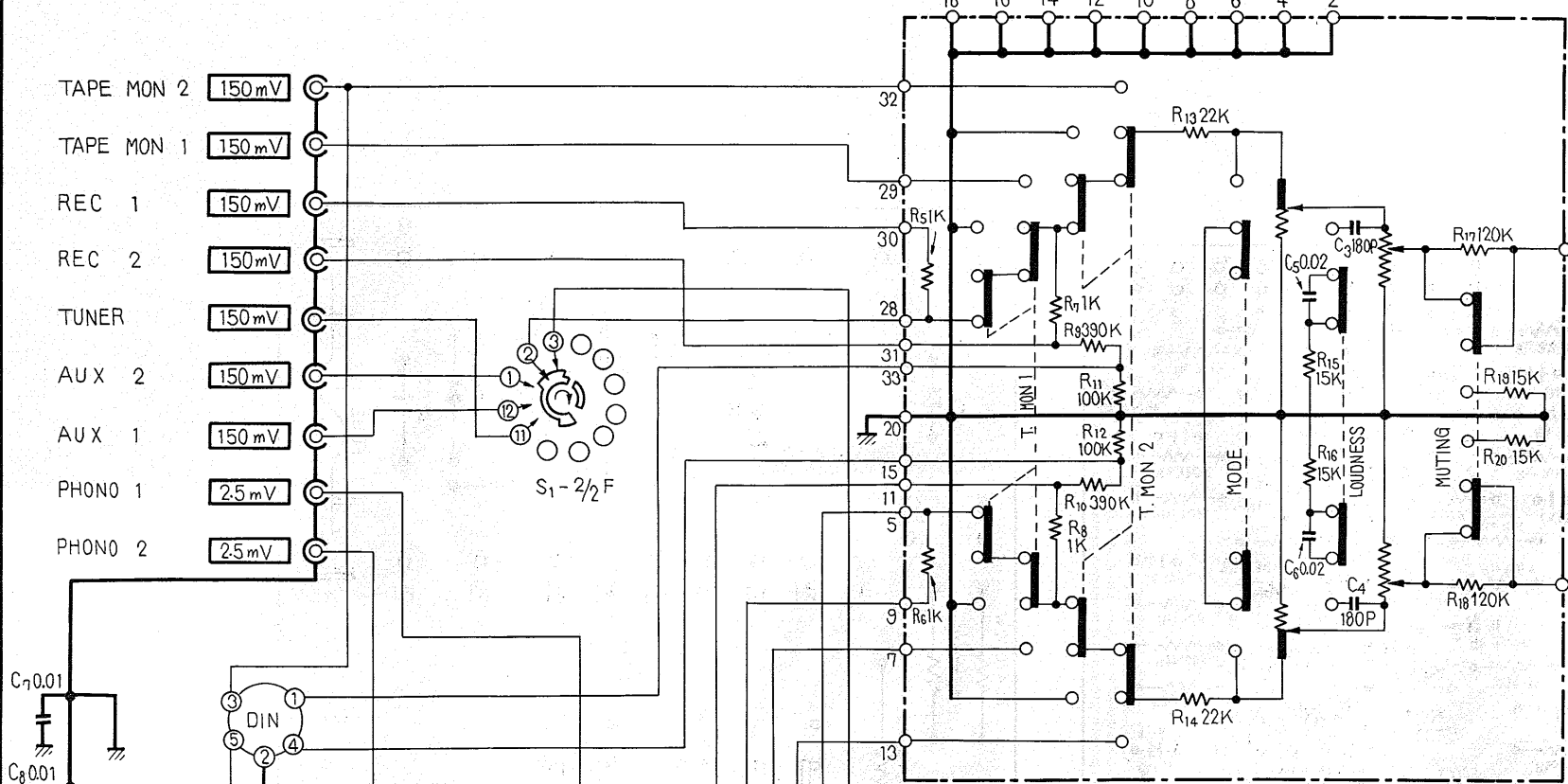


SA-6200

SWITCH ASS'y A 1/2 AWS-045

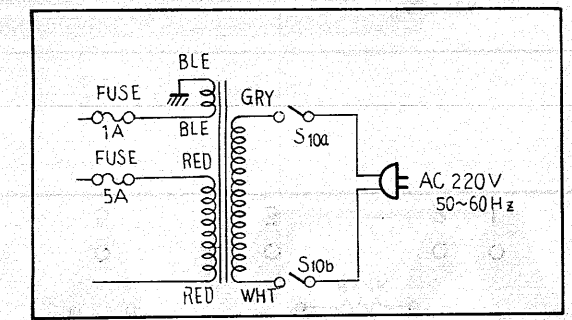
CONTROL AMP ASS'y AWG-020

- SWITCHES**
- | | |
|--------------------------------|---------------------------------------|
| S ₁ SELECTOR | S ₇ HIGH CUT FILTER |
| 1 PHONO 2 / MIC | 1 OFF |
| 2 PHONO 1 | 2 ON |
| 3 TUNER | S ₈ SPEAKERS A |
| 4 AUX 1 | 1 ON |
| 5 AUX 2 | 2 OFF |
| S ₂ TAPE MONITOR 1 | S ₉ SPEAKERS B |
| 1 OFF | 1 ON |
| 2 ON | 2 OFF |
| S ₃ TAPE MONITOR 2 | S ₁₀ POWER SWITCH |
| 1 OFF | 1 OFF |
| 2 ON | 2 ON |
| S ₄ MODE SWITCH | S ₁₁ LINE VOLTAGE SELECTOR |
| 1 STEREO | 1 110V |
| 2 MONO | 2 120V |
| S ₅ LOUDNESS SWITCH | 3 130V |
| 1 OFF | 4 220V |
| 2 ON | 5 240V |
| S ₆ MUTING SWITCH | |
| 1 OFF | |
| 2 ON | |



SIGNAL VOLTAGE AT 1KHz 22W/8Ω OUTPUT.
 DC VOLTAGE AT NO INPUT SIGNAL.
 DC CURRENT AT NO INPUT SIGNAL.

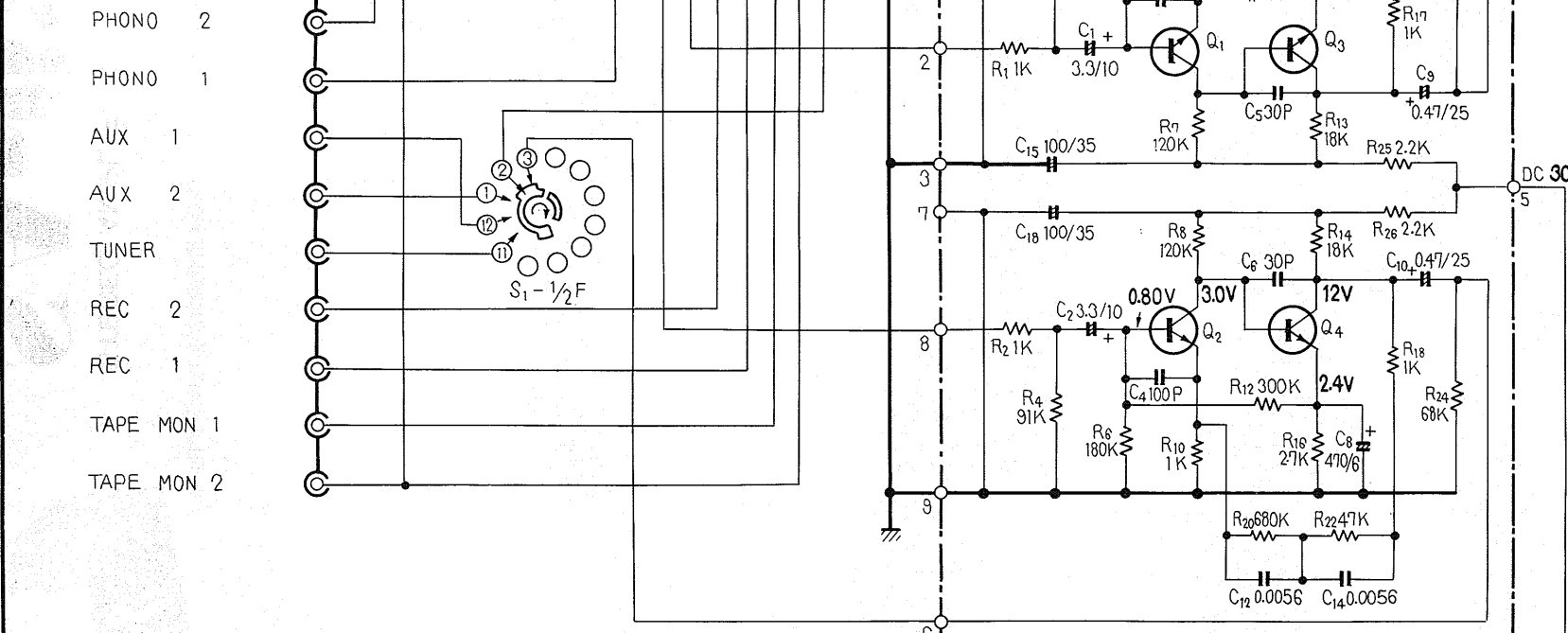
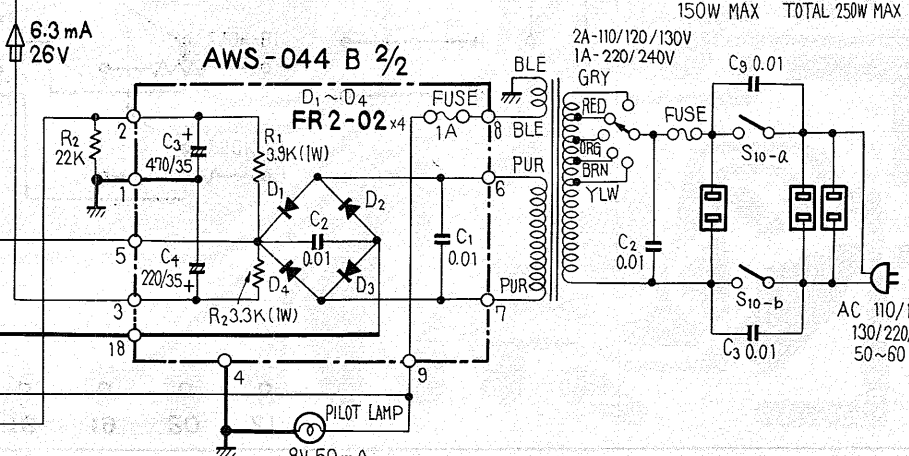
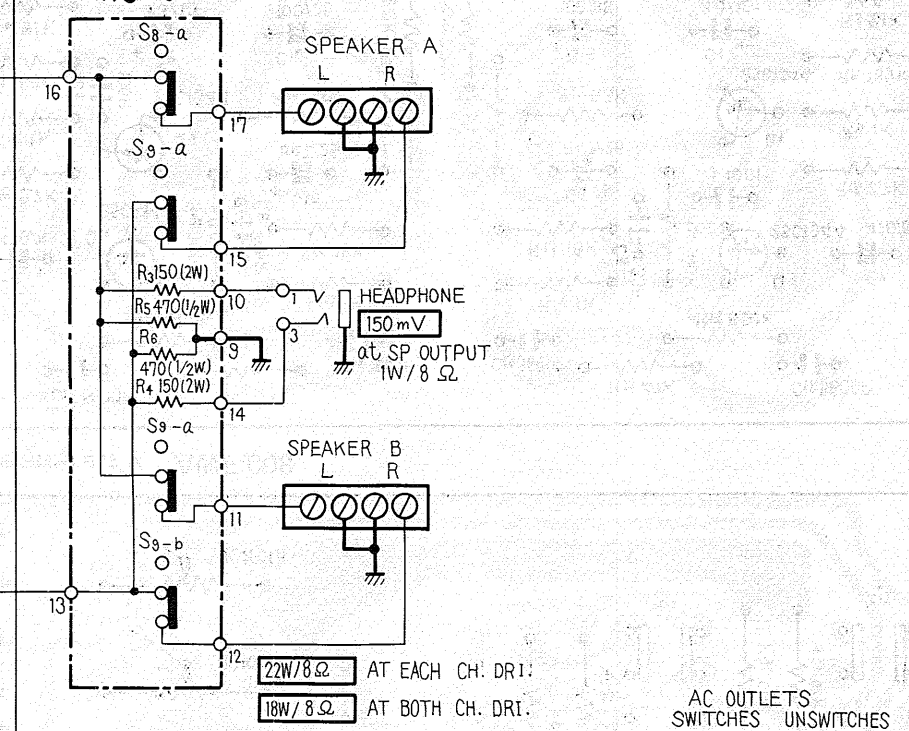
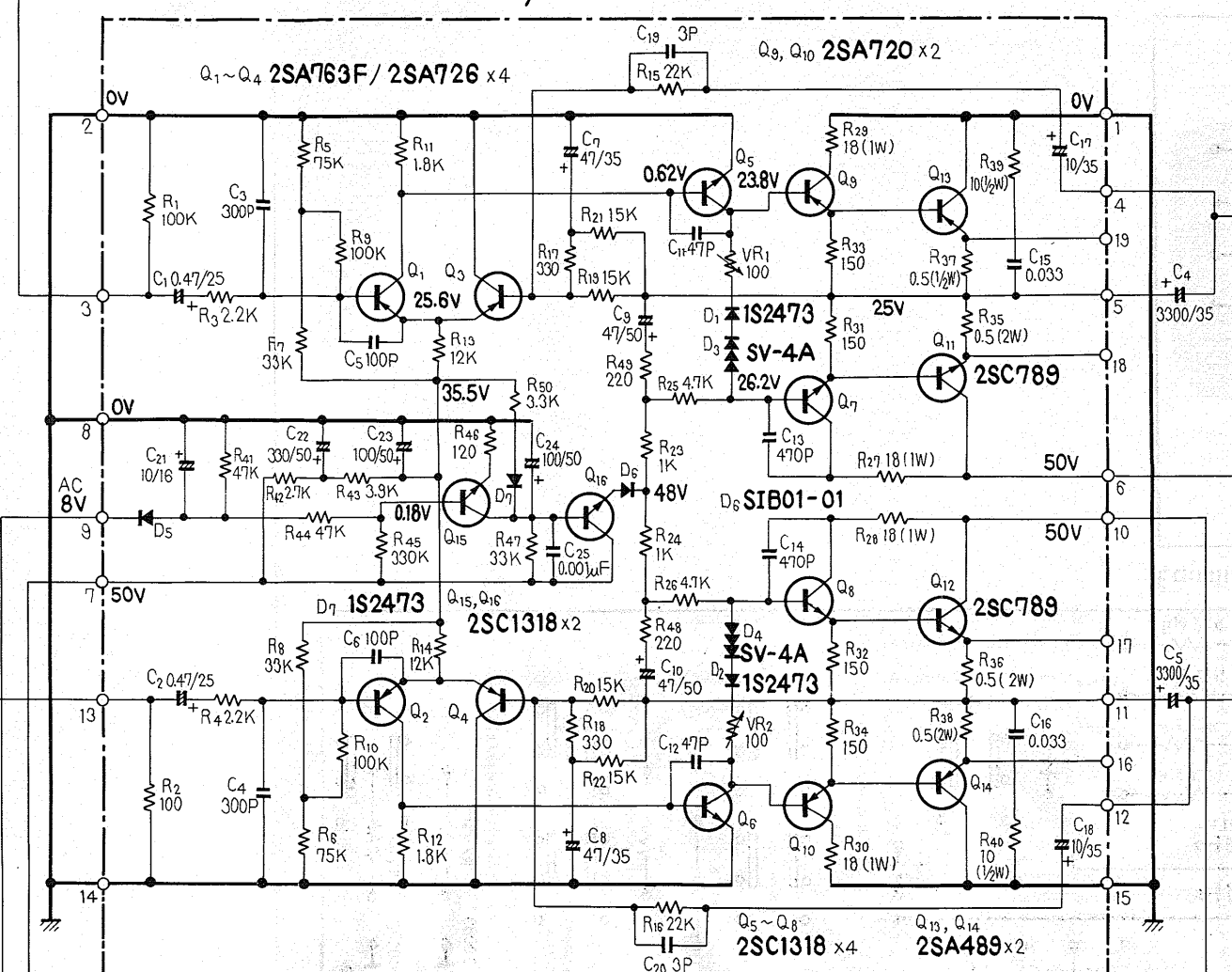
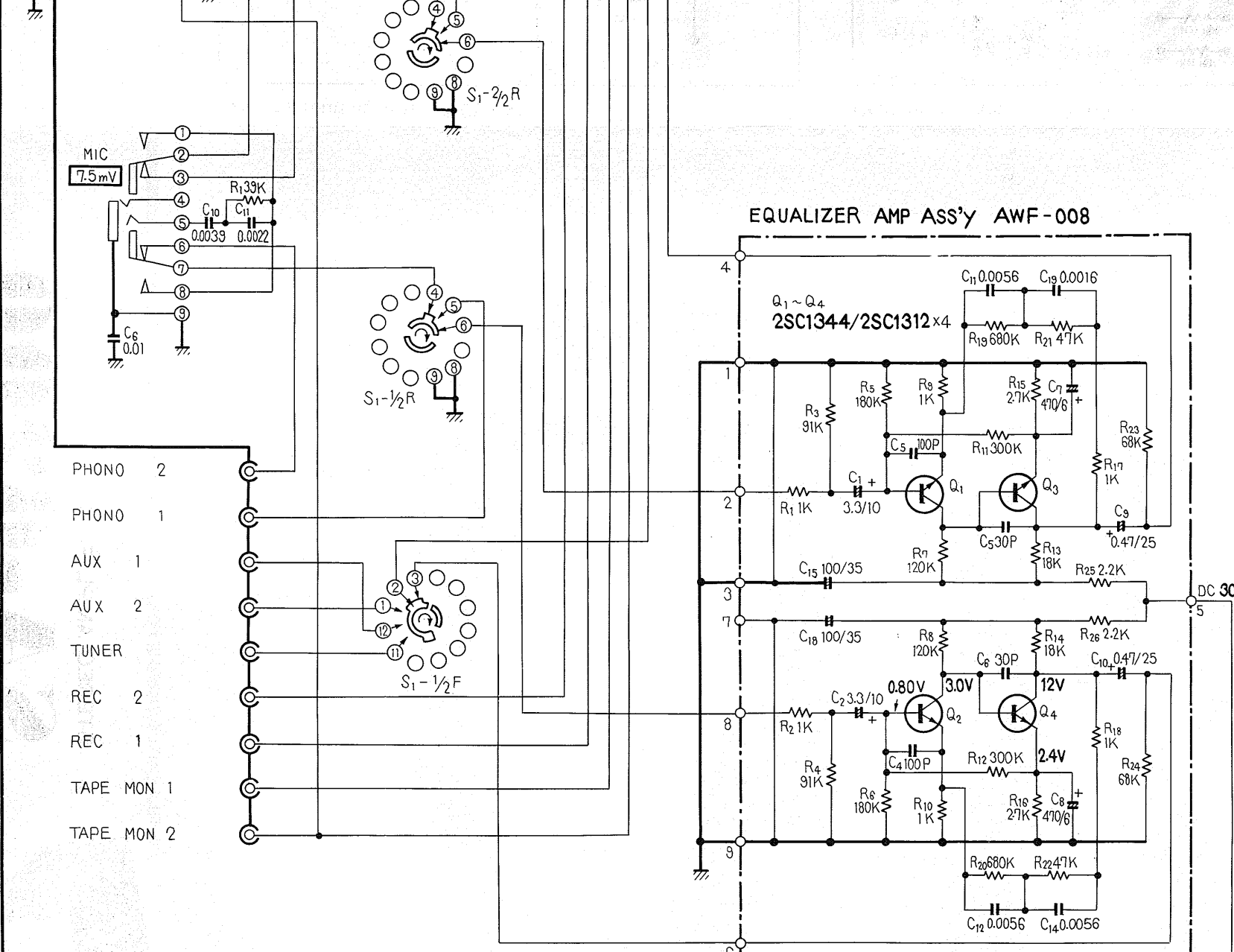
220 V model



EQUALIZER AMP ASS'y AWF-008

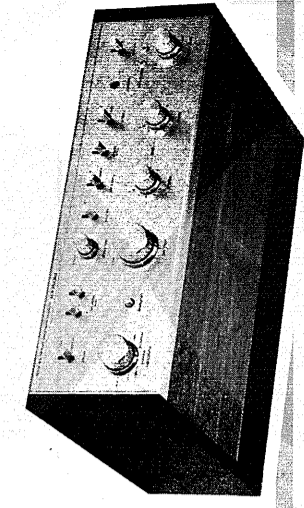
POWER AMP ASS'y AWH-025

SWITCH ASS'y B 1/2 AWS-044



PROTECTION FUSE 15A x 2
 46V 96 mA
 2.3 mA
 8V 50 mA

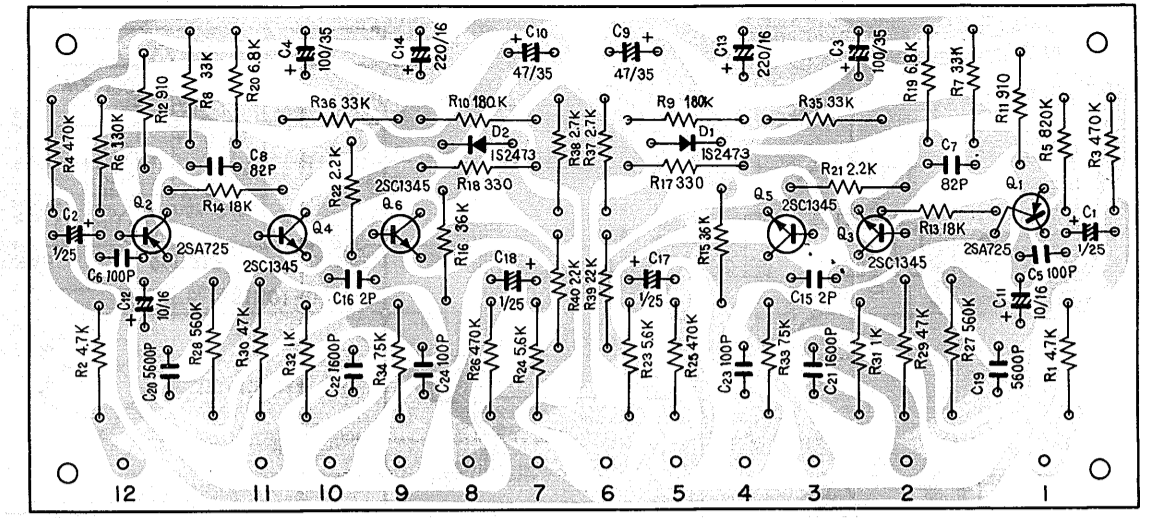
AT EACH CH. DR1:
 22W/8Ω
 18W/8Ω AT BOTH CH. DR1.
 AC OUTLETS SWITCHES UNSWITCHES 150W MAX TOTAL 250W
 2A-110/120/130V 1A-220/240V
 AC 110/120 130/220/240V 50-60 Hz



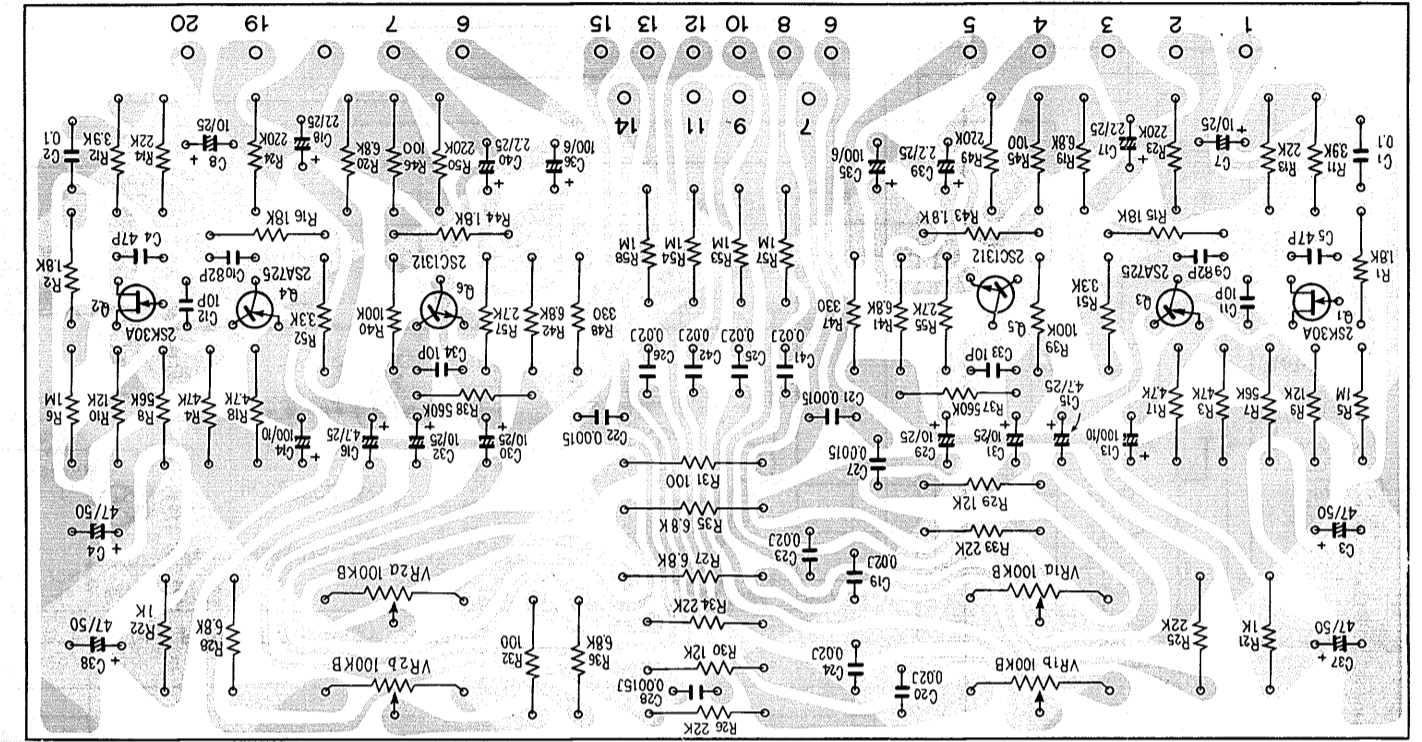
STEREO AMPLIFIER
SA-7100
FVW KCV KUV

3

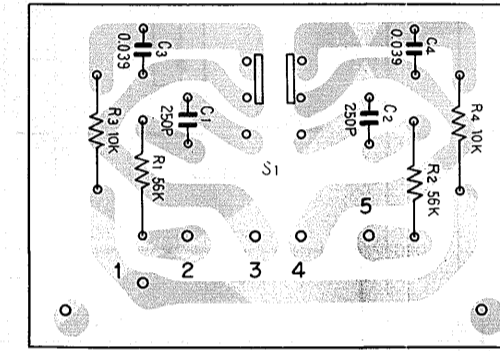
Equalizer amp ass'y AWF-005



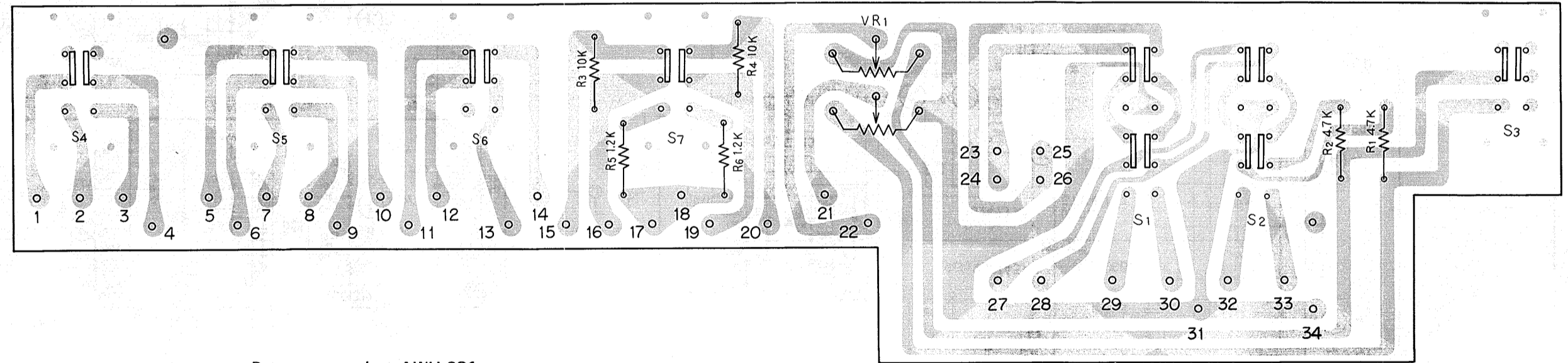
Control amp ass'y AWW-016



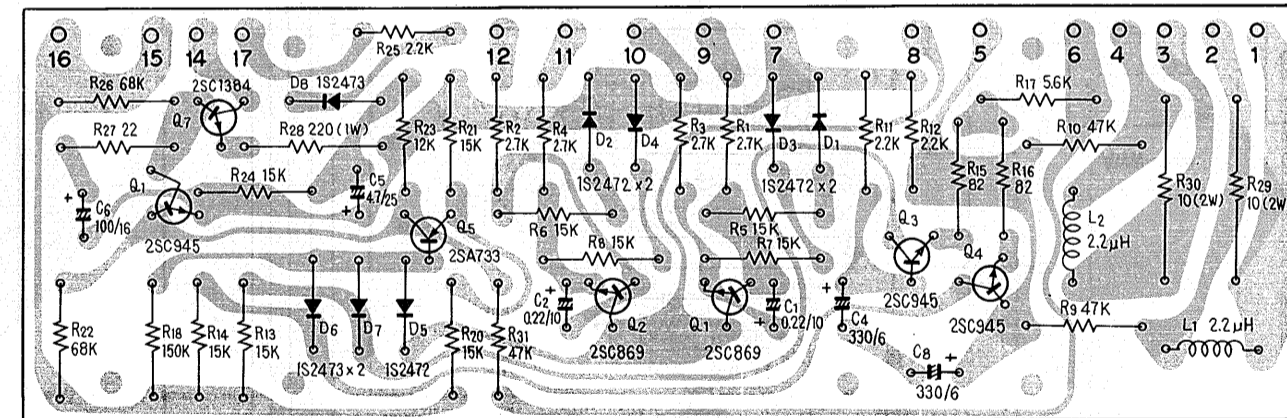
Push switch ass'y AWS-030



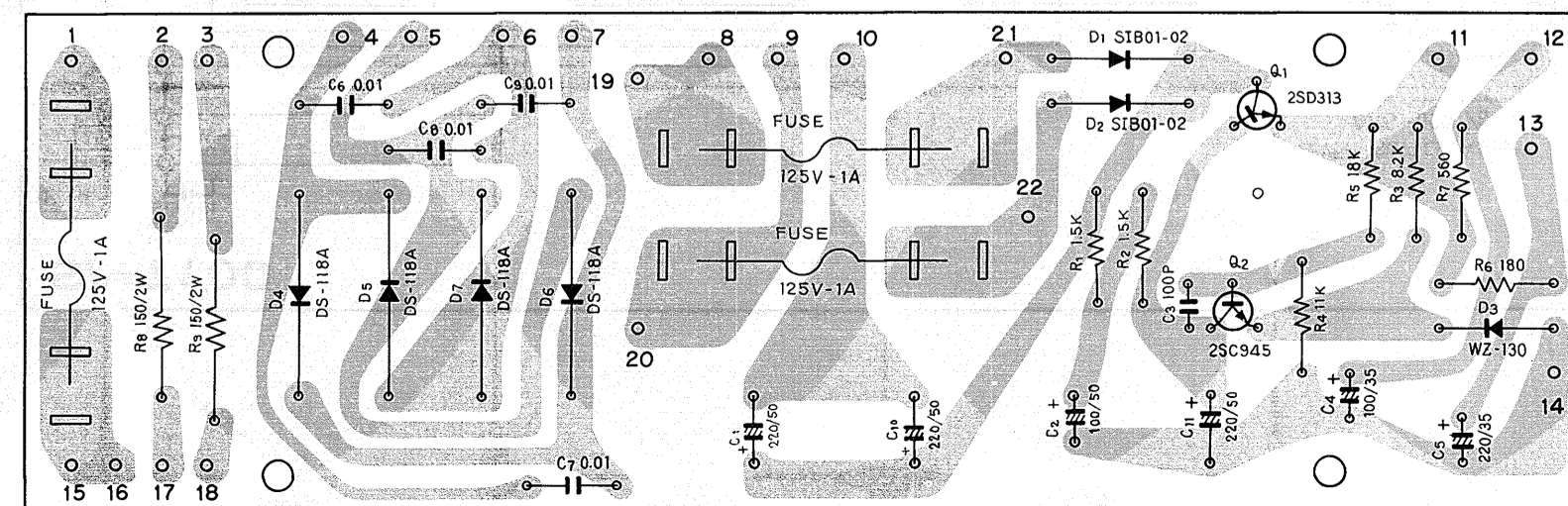
Lever switch ass'y AWS-029



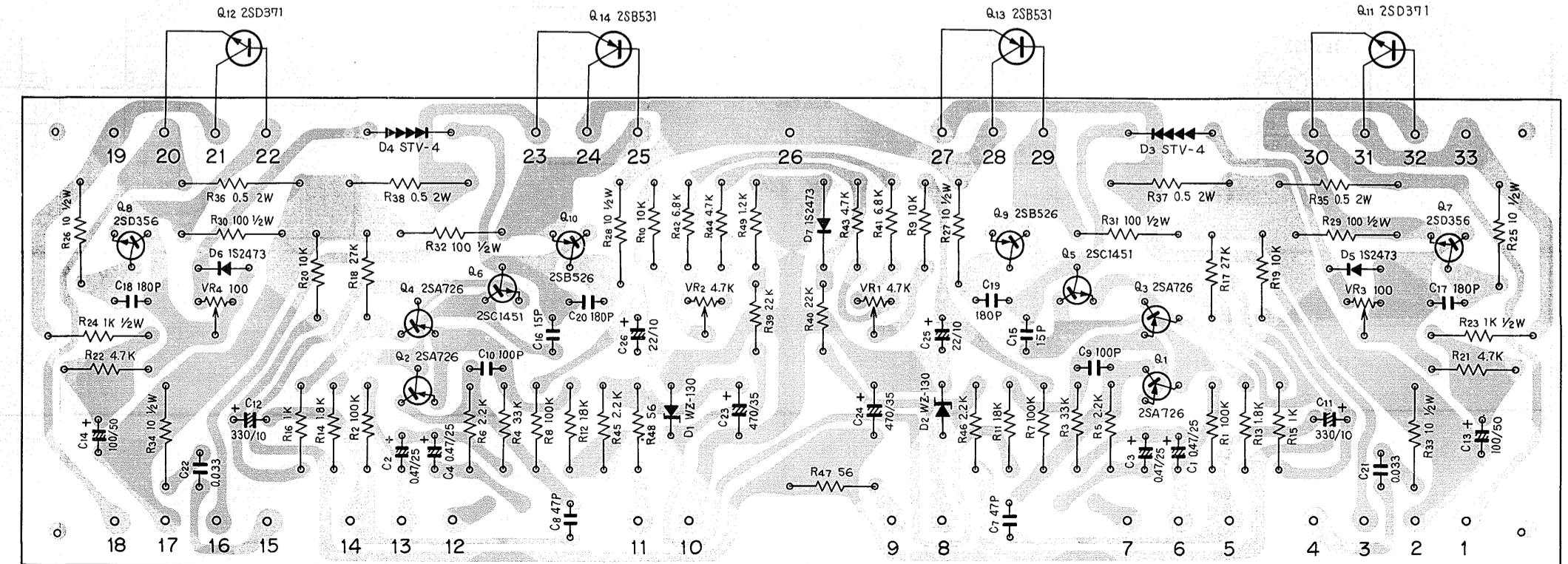
Protection ass'y AWM-027



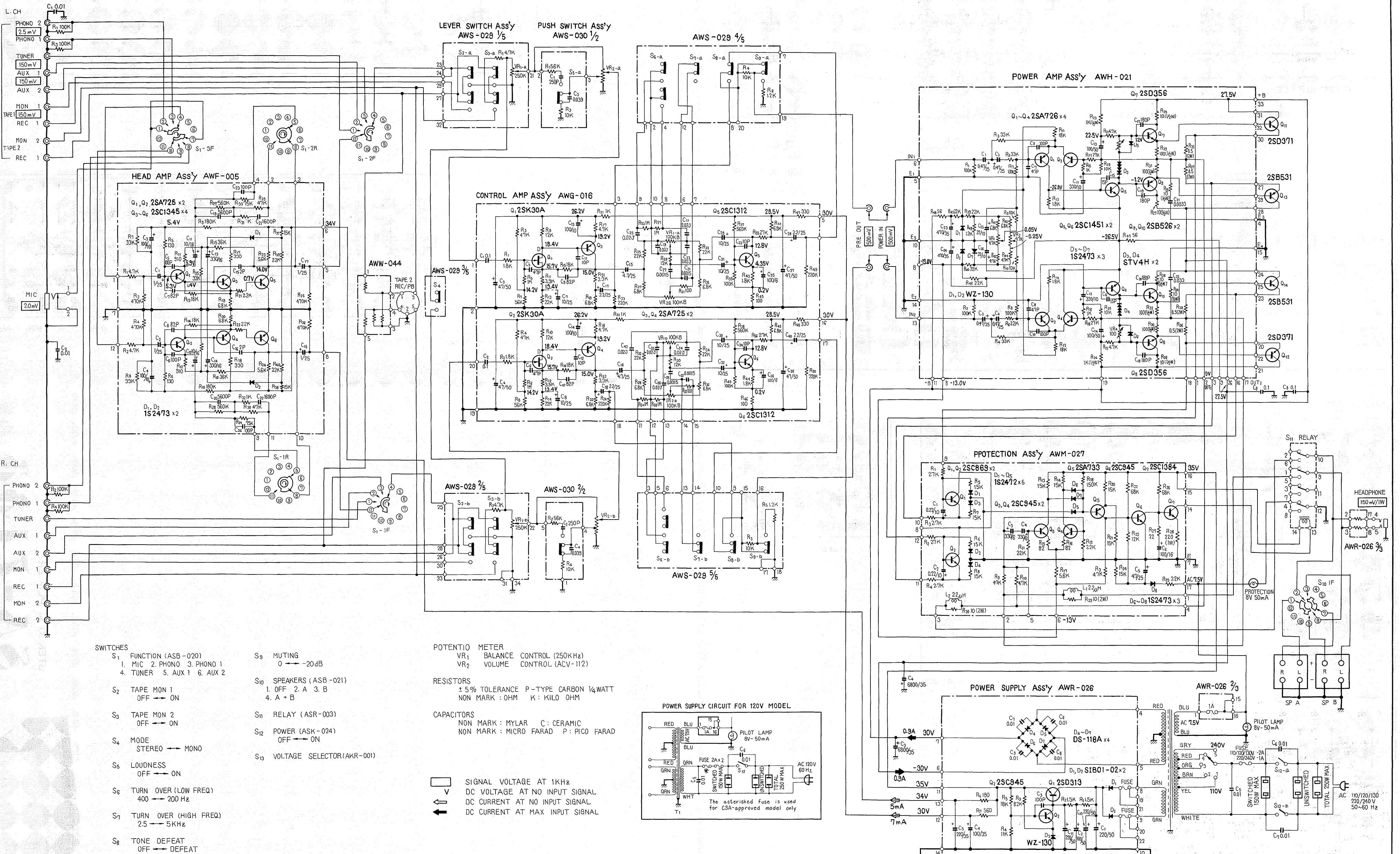
Power supply ass'y AWR-026



Power amp ass'y AWH-021

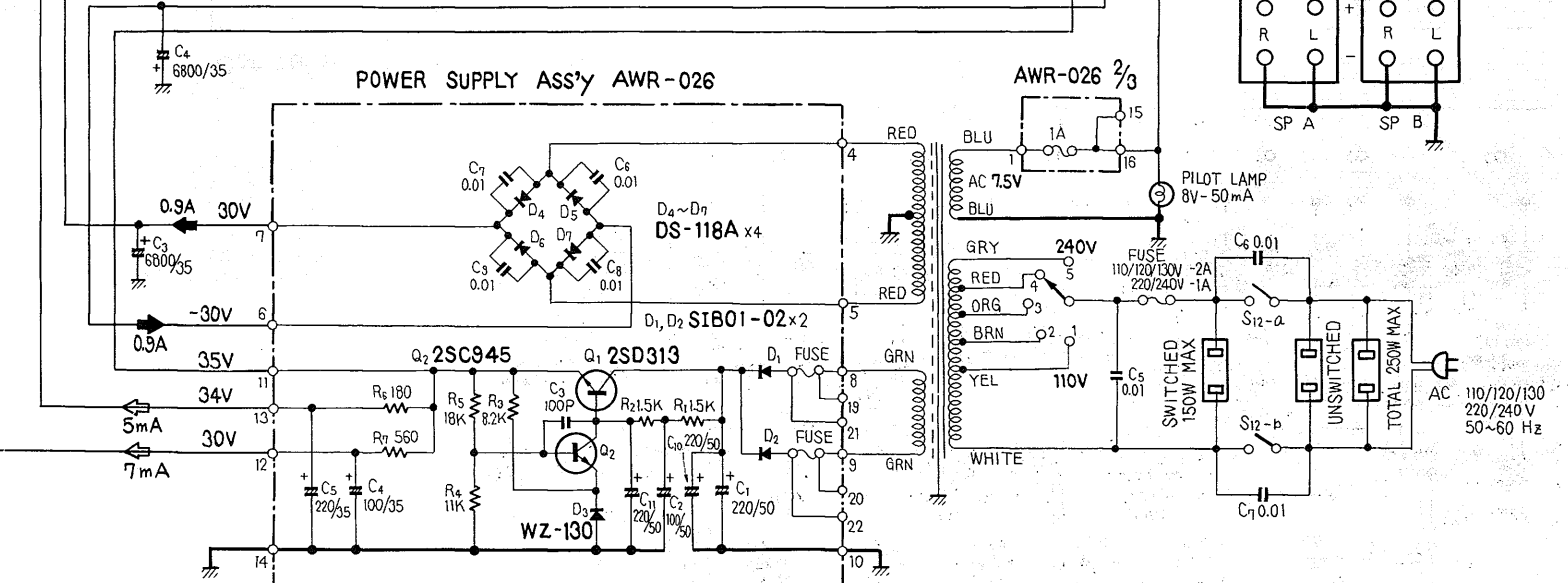
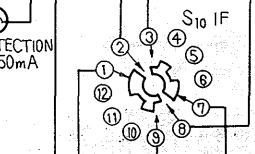
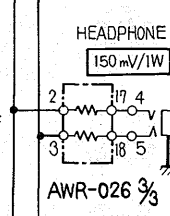
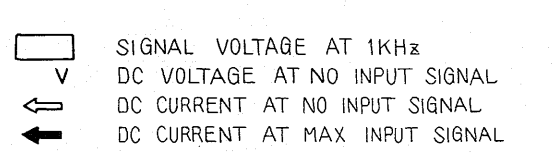
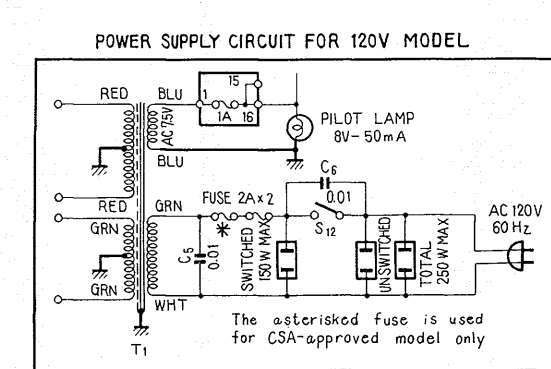


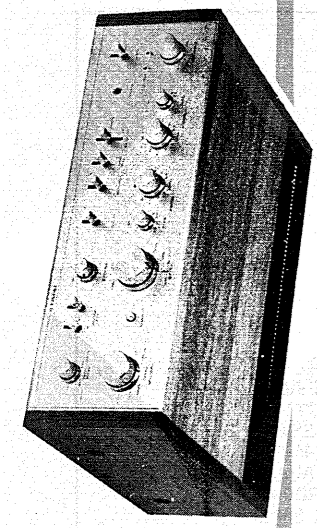
SA-7100



- SWITCHES**
- S₁ FUNCTION (ASB-020)
 - 1. MIC 2. PHONO 3. PHONO 1
 - 4. TUNER 5. AUX 1 6. AUX 2
 - S₂ TAPE MON 1
 - OFF → ON
 - S₃ TAPE MON 2
 - OFF → ON
 - S₄ MODE
 - STEREO → MONO
 - S₅ LOUDNESS
 - OFF → ON
 - S₆ TURN OVER (LOW FREQ)
 - 400 → 200 Hz
 - S₇ TURN OVER (HIGH FREQ)
 - 2.5 → 5 KHz
 - S₈ TONE DEFEAT
 - OFF → DEFEAT
 - S₉ MUTING
 - 0 → -20dB
 - S₁₀ SPEAKERS (ASB-021)
 - 1. OFF 2. A 3. B
 - 4. A + B
 - S₁₁ RELAY (ASR-003)
 - S₁₂ POWER (ASK-024)
 - OFF → ON
 - S₁₃ VOLTAGE SELECTOR (AKR-001)

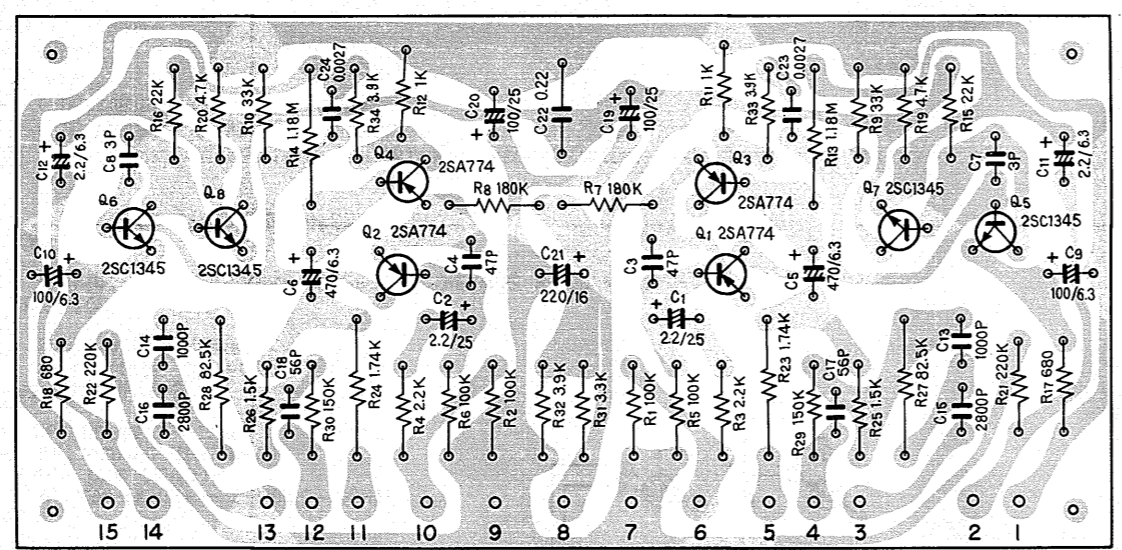
- POTENTIOMETER**
- VR₁ BALANCE CONTROL (250KHz)
 - VR₂ VOLUME CONTROL (ACV-112)
- RESISTORS**
- ± 5% TOLERANCE P-TYPE CARBON 1/4 WATT
NON MARK : OHM K : KILO OHM
- CAPACITORS**
- NON MARK : MYLAR C : CERAMIC
NON MARK : MICRO FARAD P : PICO FARAD



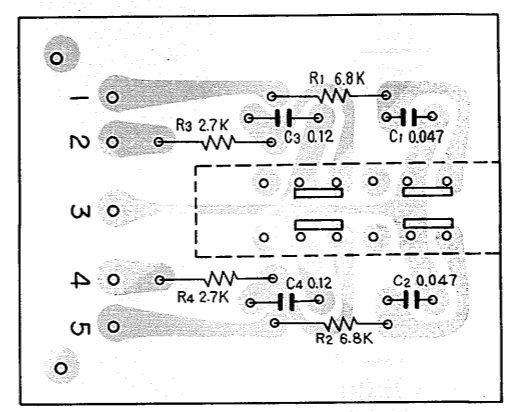


STEREO AMPLIFIER
SA-8100
FVW KCW KUW
4

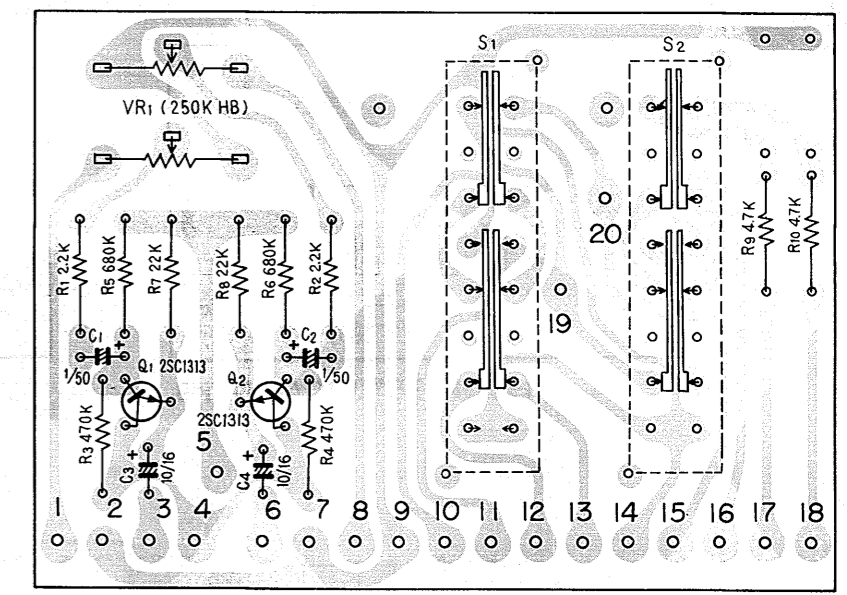
Equalizer amp ass'y AWF-006



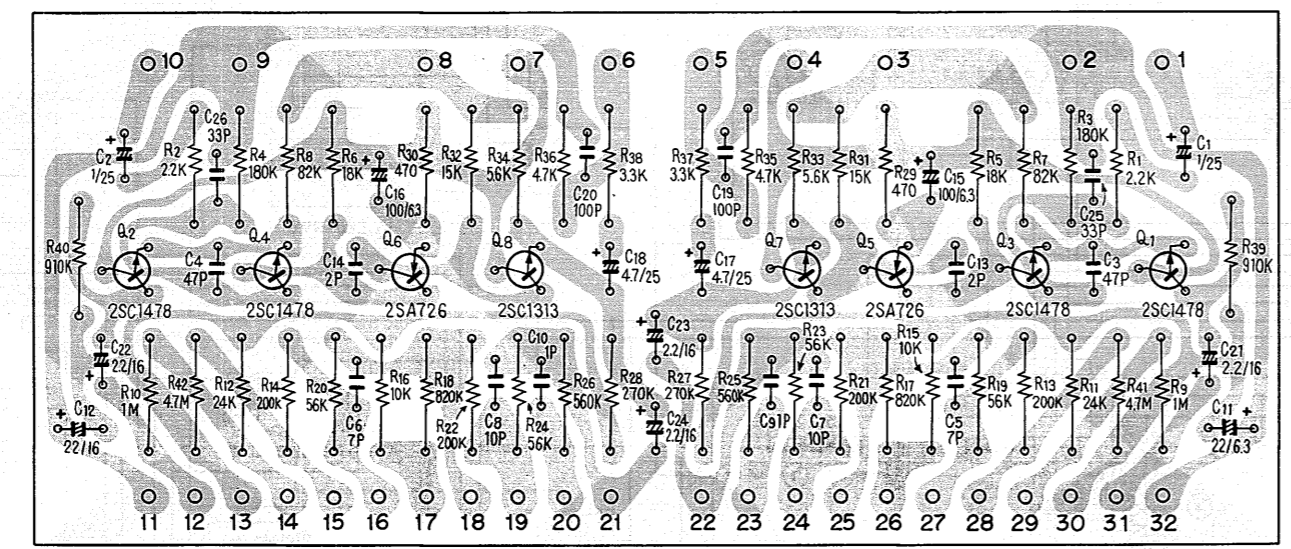
Push switch ass'y AWS-037



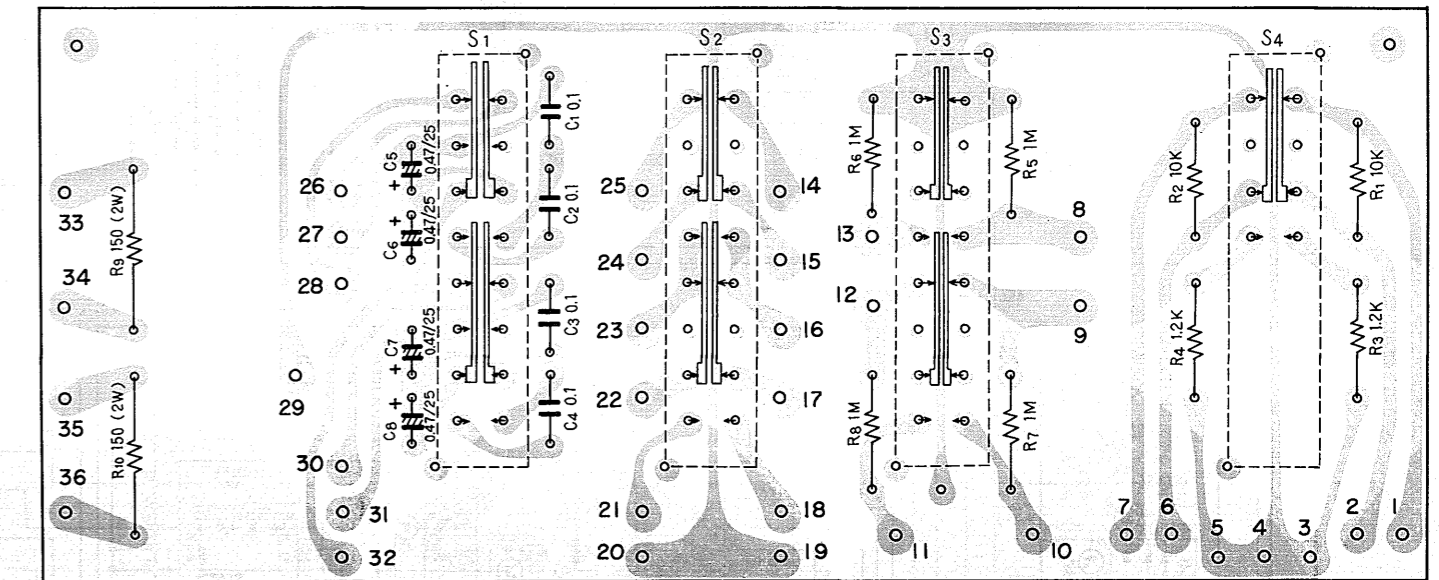
Switch circuit ass'y AWS-036



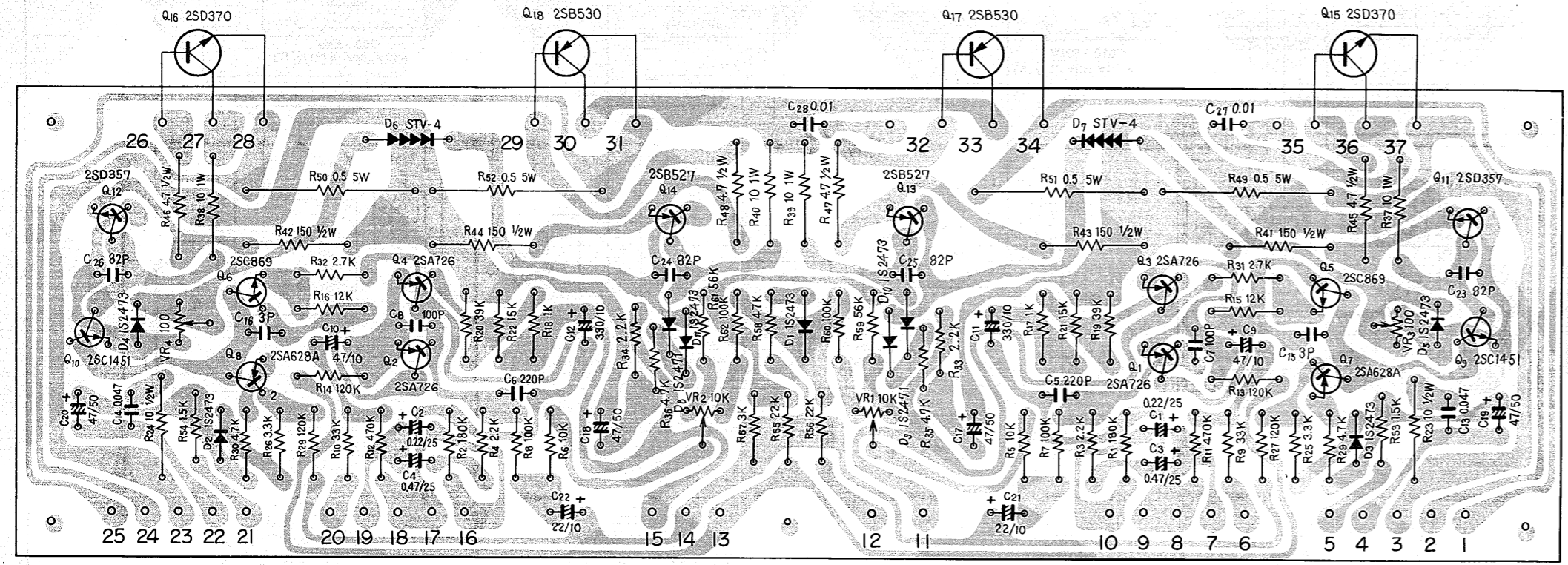
Control amp ass'y AWG-017



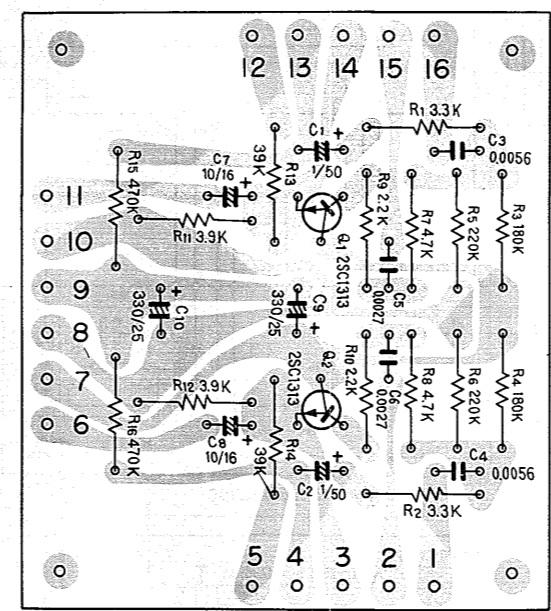
Switch circuit ass'y AWS-035



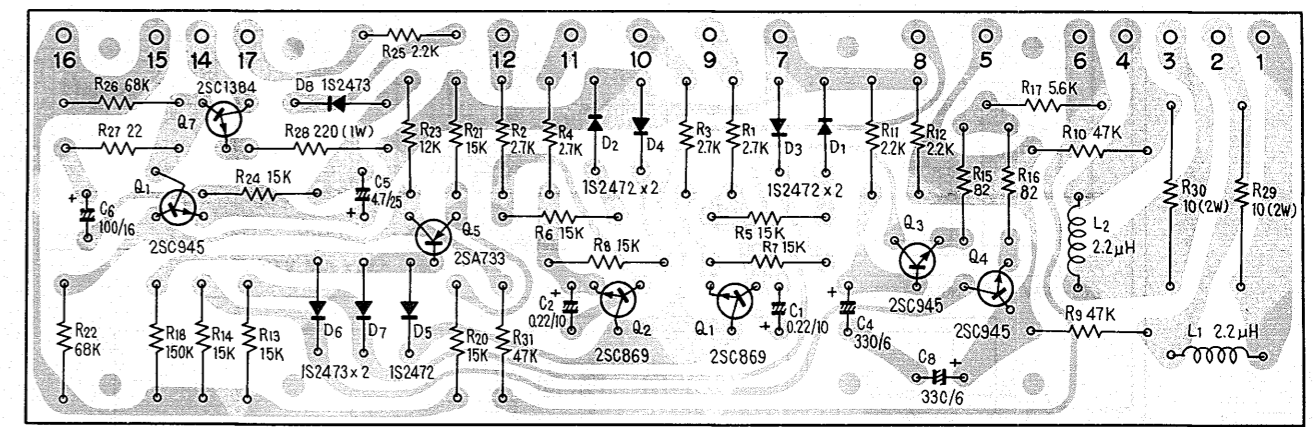
Power amp ass'y AWH-022



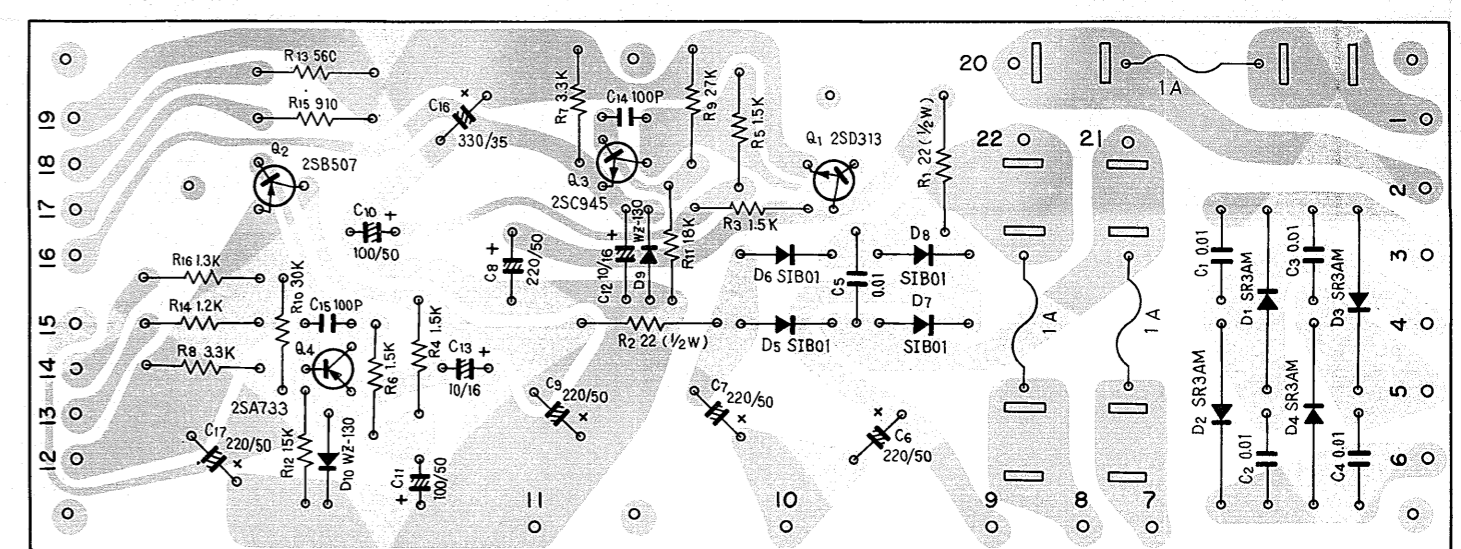
Filter amp ass'y AWK-020



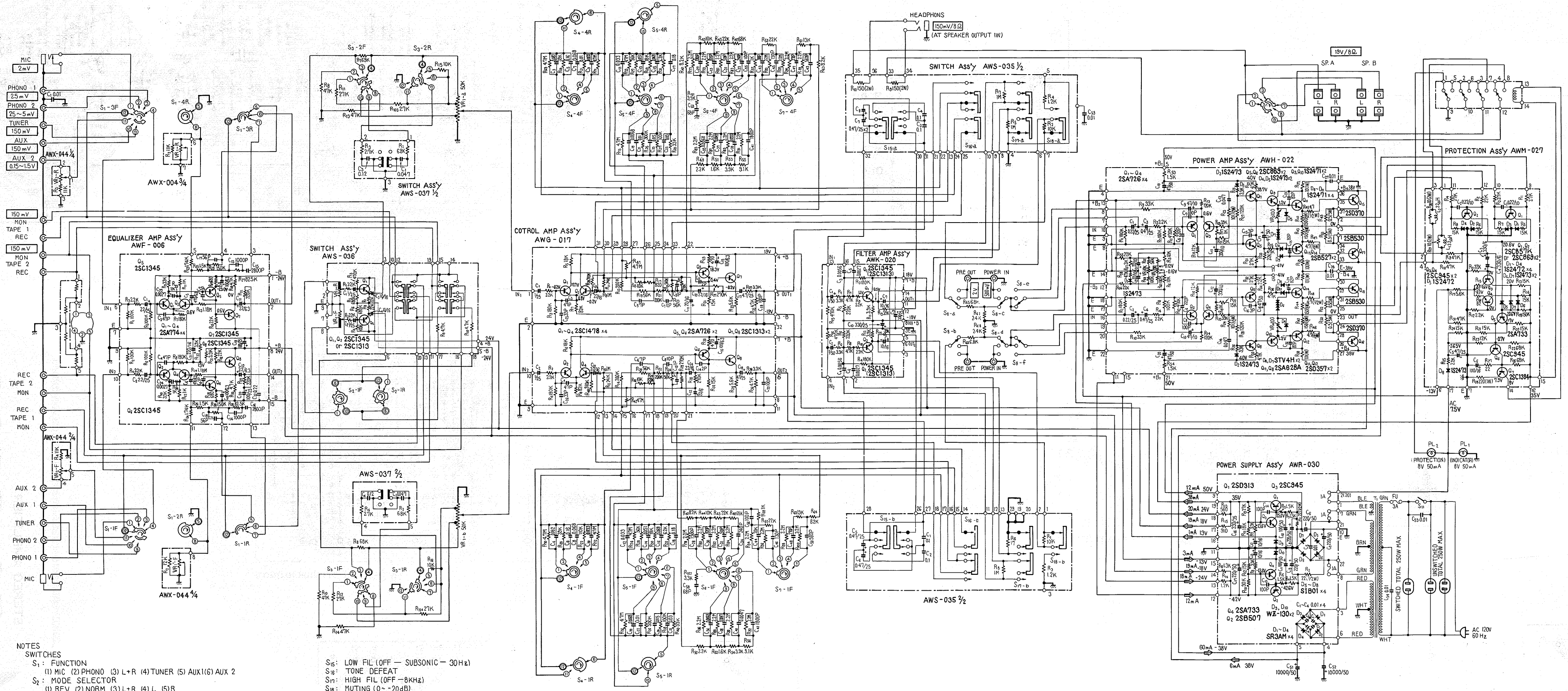
Protection circuit ass'y AWM-027



Power supply ass'y AWR-030



SA-8100

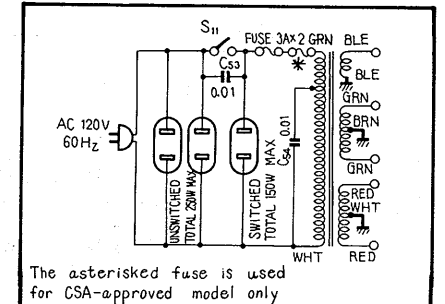


- NOTES**
- SWITCHES**
- S₁: FUNCTION (1) MIC (2) PHONO (3) L+R (4) TUNER (5) AUX1 (6) AUX 2
 - S₂: MODE SELECTOR (1) REV (2) NORM (3) L+R (4) L (5) R
 - S₃: LEVEL SET (1) -30dB (2) -15dB (3) 0
 - S₄: BASS CONTROL (50Hz) -5dB ~ +5dB
 - S₅: TREBLE CONTROL (10KHz) -10dB ~ +10dB
 - S₆: PRE POWER SW (1) NORMAL (2) SUBSONIC OFF (3) SUBSONIC ON
- POTENTIOMETERS**
- VR₁: VOLUME CONTROL
 - VR₂: BALANCE CONTROL
- RESISTOR**
- IN OHM, 1/4W, ±5% TOLERANCE UNLESS OTHERWISE NOTED. K=KΩ, M=MΩ
- CAPACITORS**
- IN μF UNLESS OTHERWISE NOTED. P=pF.

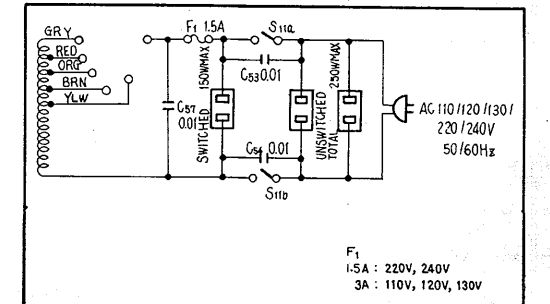
S₂: LOW FIL (OFF - SUBSONIC - 30Hz)
 S₂: TONE DEFEAT
 S₂: HIGH FIL (OFF - 8KHz)
 S₆: MUTING (0 ~ -20dB)

□ V: SIGNAL VOLTAGE NECESSARY FOR OBTAINING 45W/8Ω OUTPUT POWER (1KHz)
 V: DC VOLTAGE AT NO INPUT SIGNAL
 ⇨ A: DC CURRENT AT NO INPUT SIGNAL

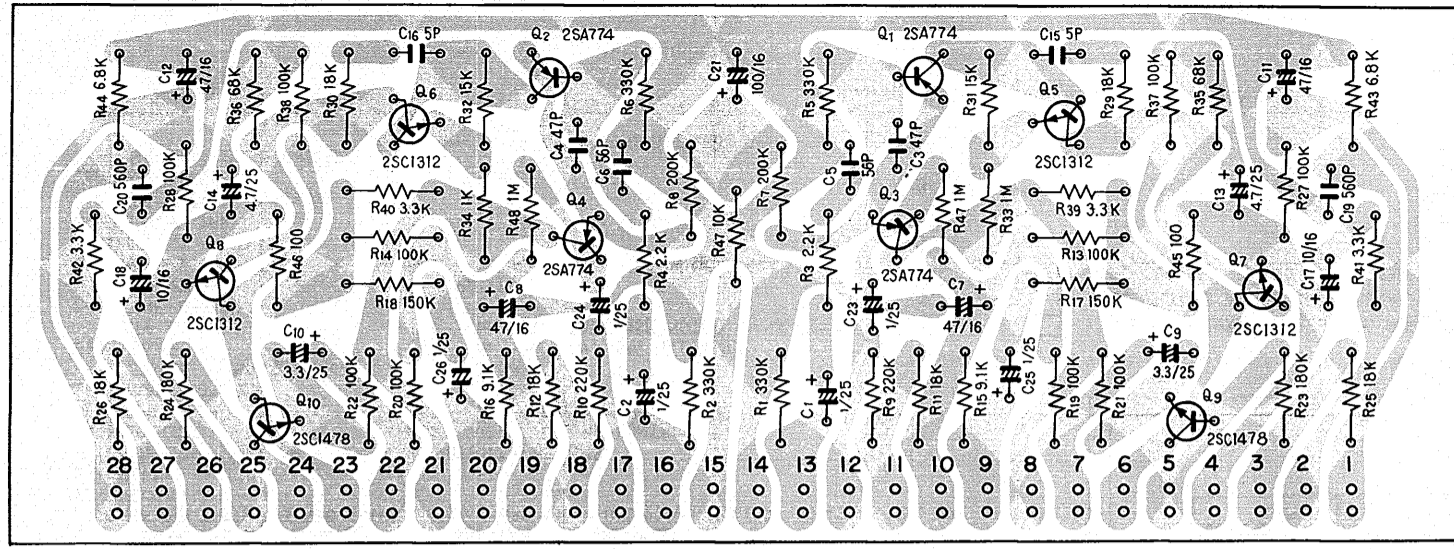
120V (KCW model)



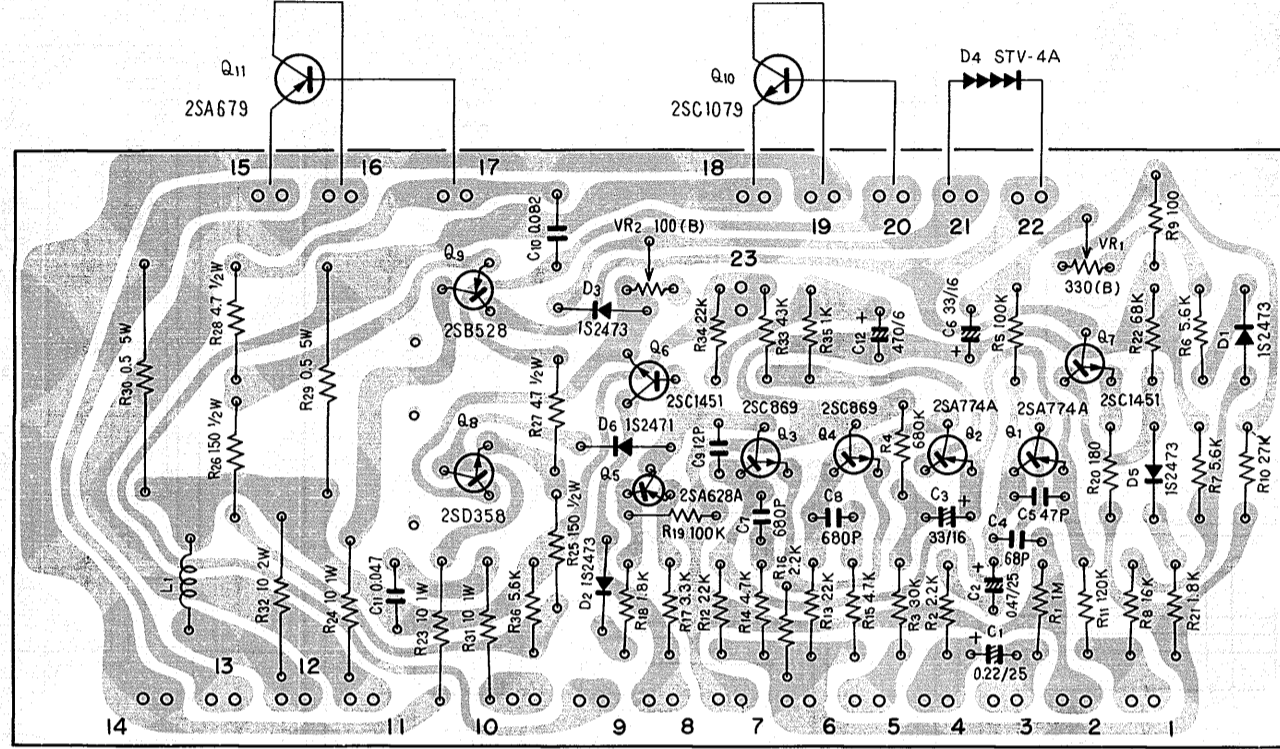
5-LINE VOLTAGE MODEL



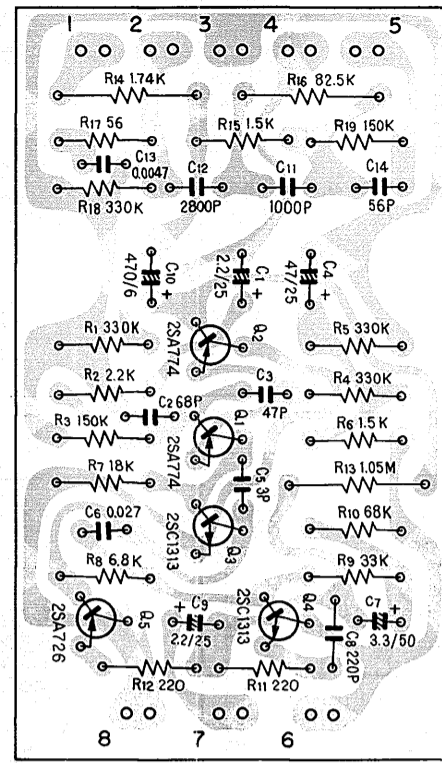
Contro amp ass'y AWG-018



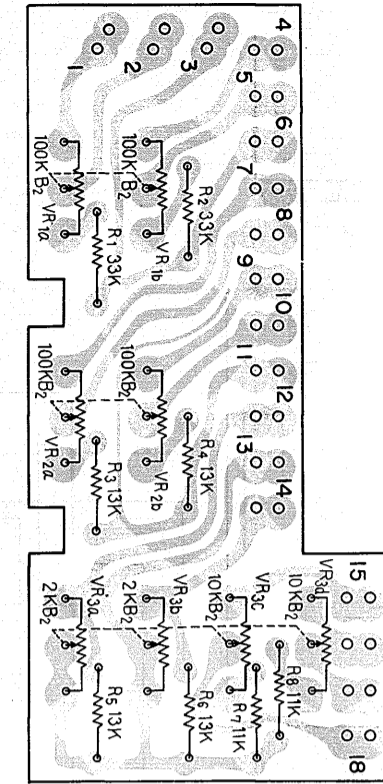
Power amp ass'y AWH-023



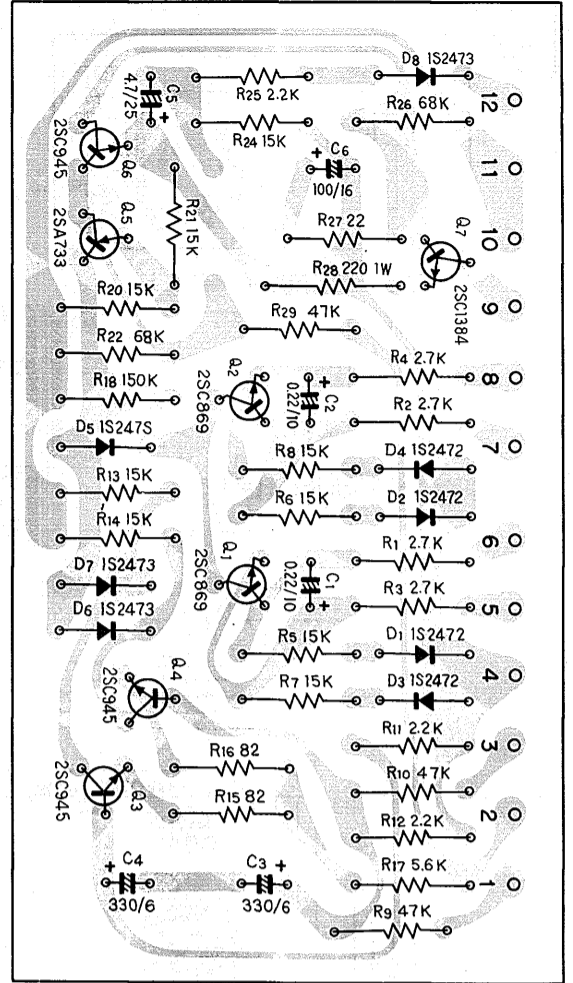
Equalizer amp ass'y AWF-007



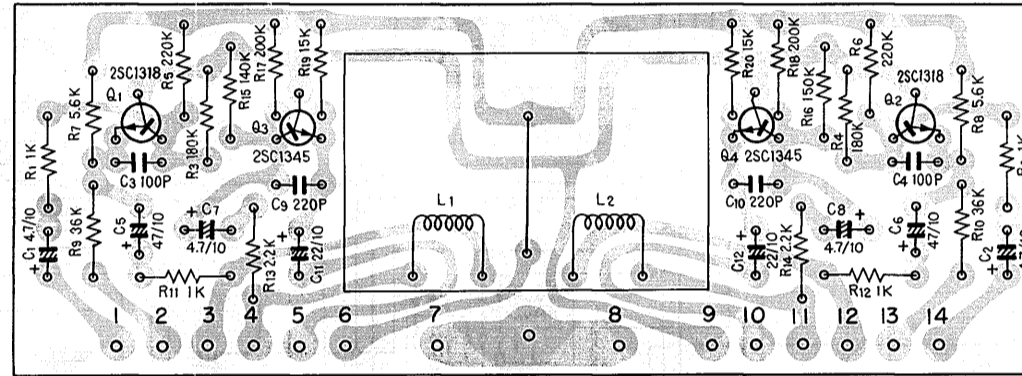
Volume ass'y AWX-048



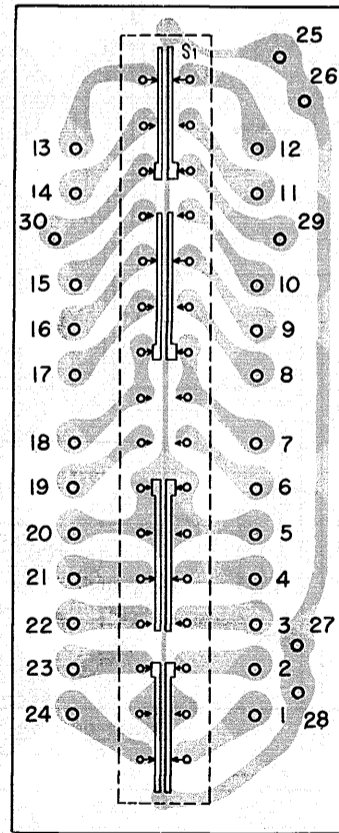
Protection circuit ass'y AWM-025



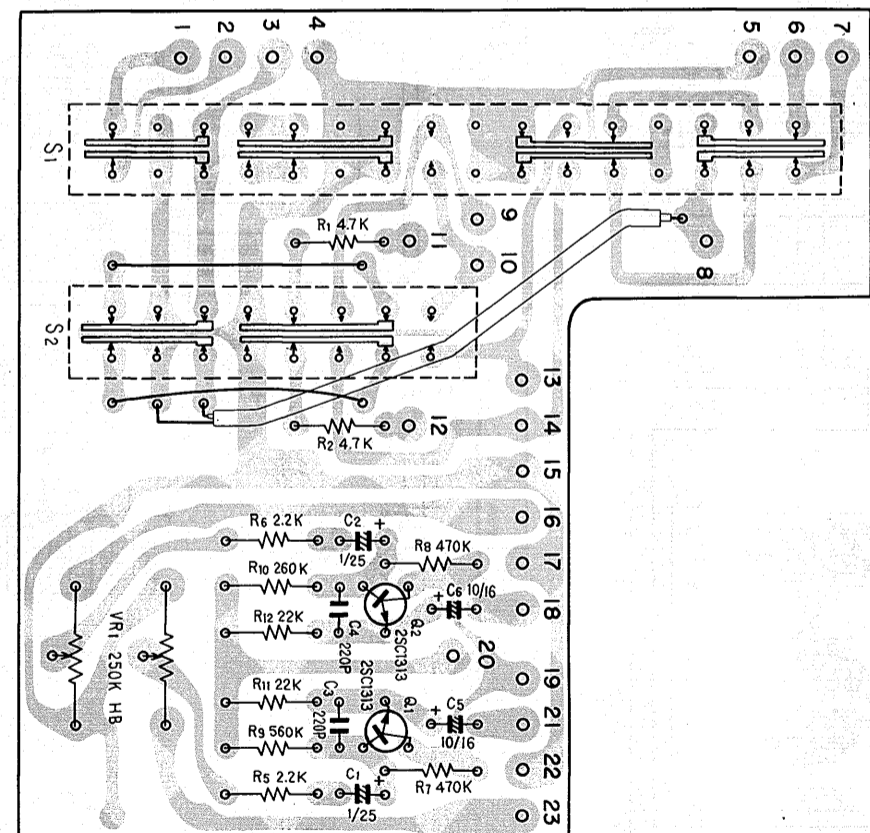
Filter amp ass'y AWK-021



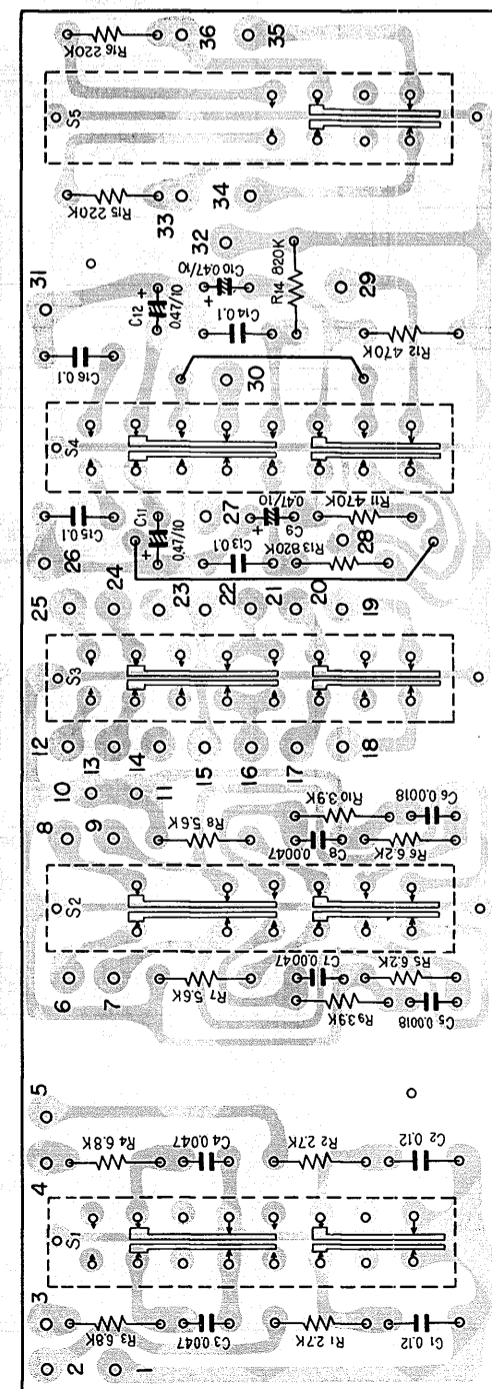
Switch circuit ass'y A AWS-038



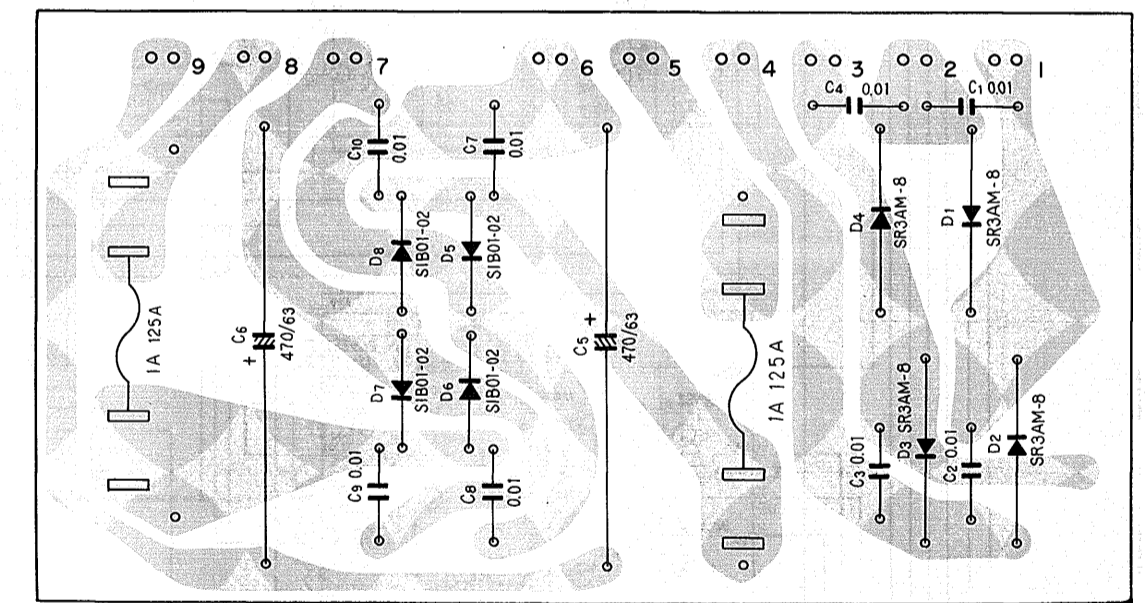
Switch circuit ass'y B AWS-039



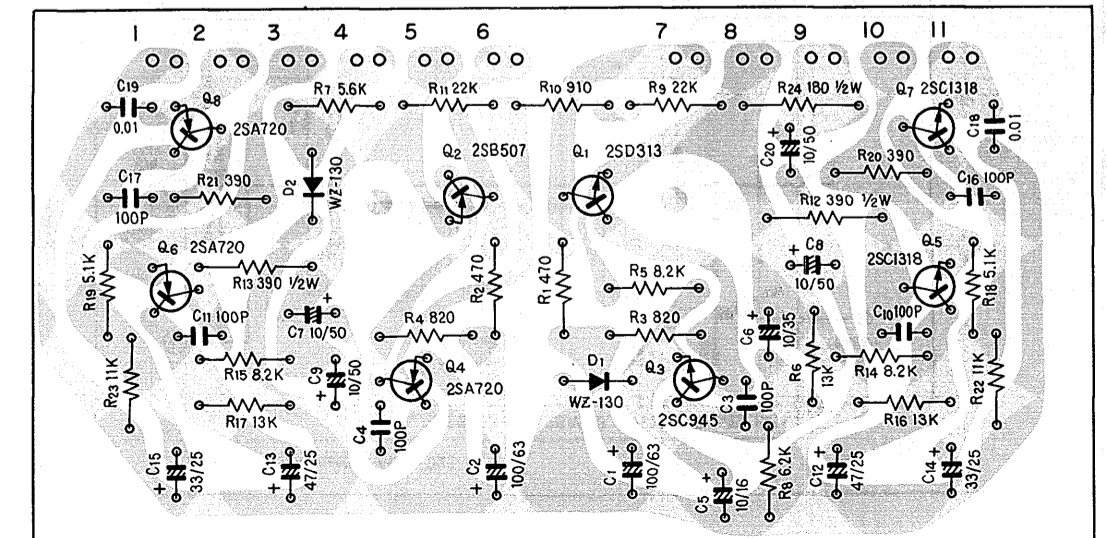
Switch circuit ass'y C AWS-040



Power supply ass'y A AWR-031

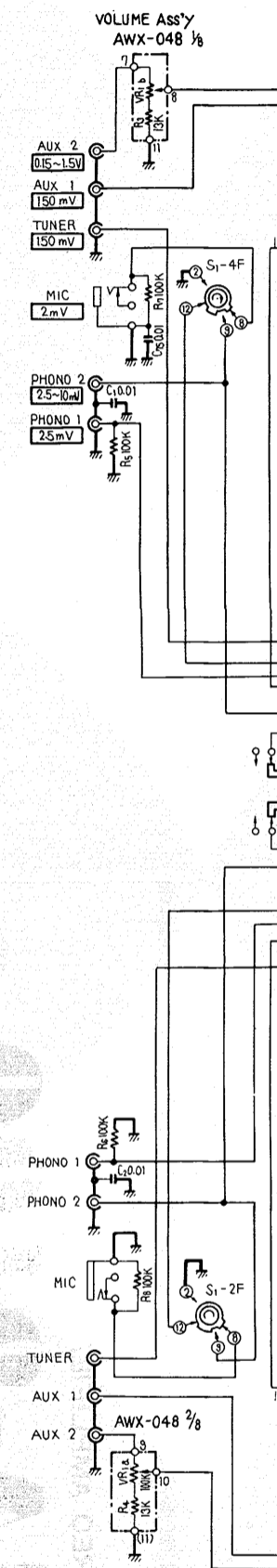


Power supply ass'y B AWR-032



STEREO AMPLIFIER
SA-9100
FWM KCW KUW NBW

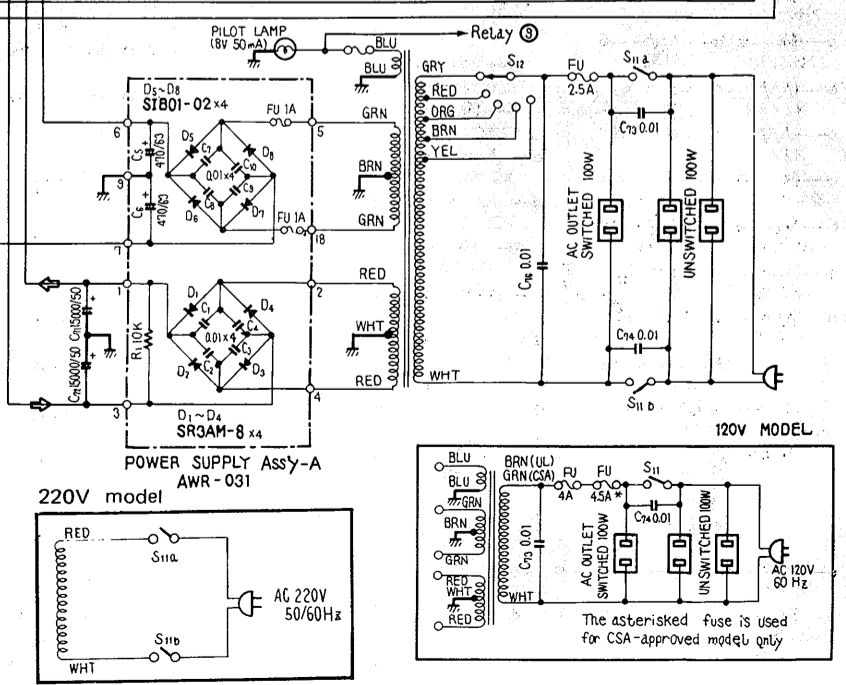
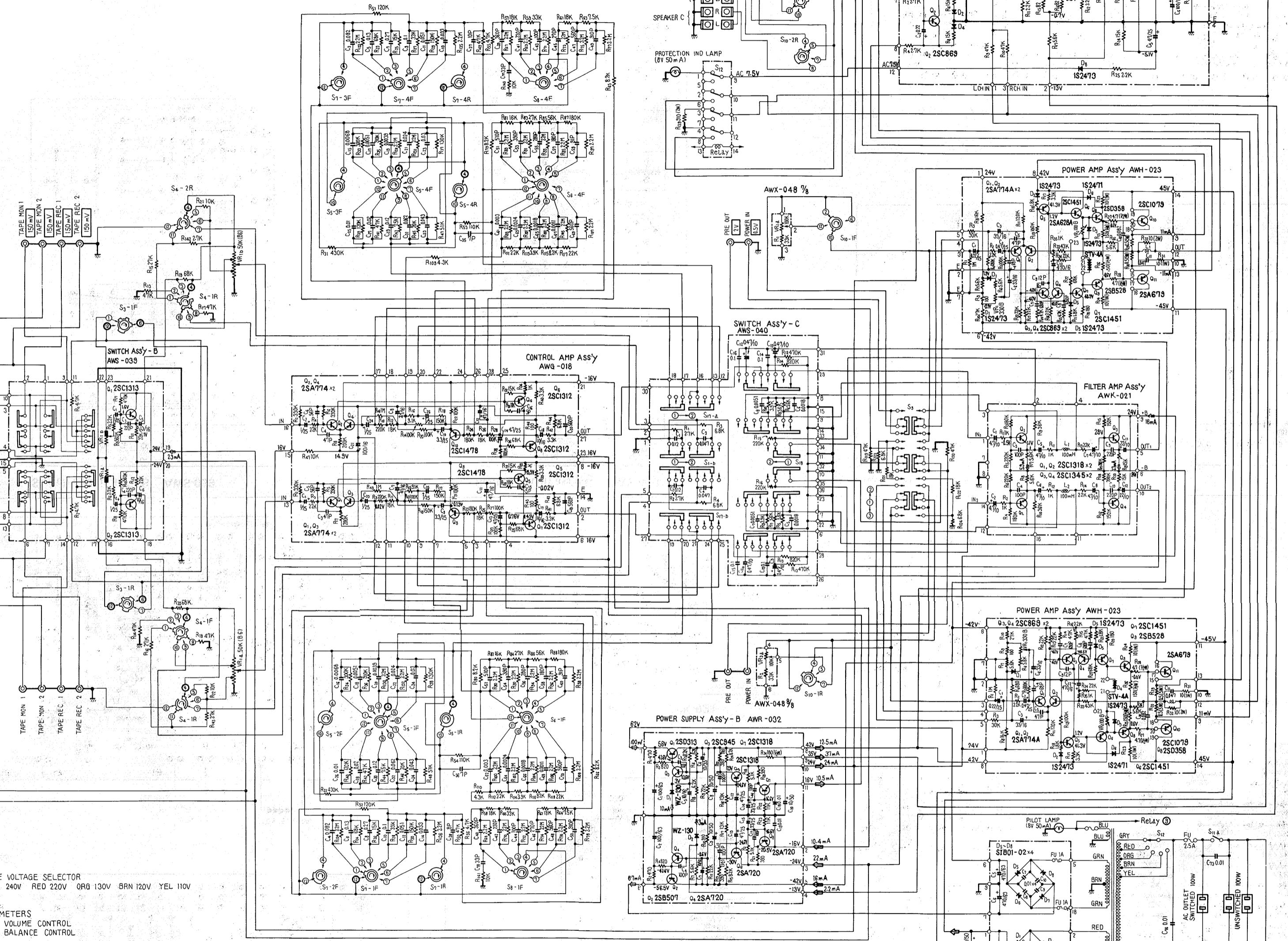
5



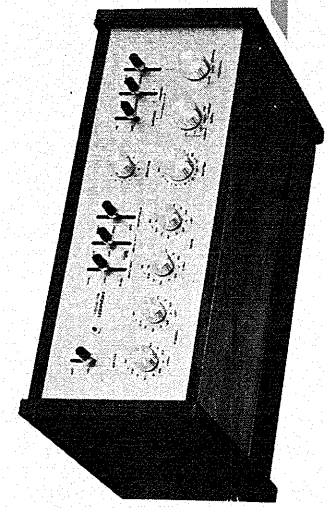
- NOTES**
- SWITCHES**
- S₁: FUNCTION SELECTOR
 - (1) MIC (2) PHONO 2 (3) AUX 1 (4) AUX 2
 - S₂: PHONO 2 IMPEDANCE SELECTOR
 - (1) 50KΩ (2) 250KΩ (3) 100KΩ
 - S₃: MODE SELECTOR
 - (1) REV (2) NORM (3) L+R (4) L (5) R
 - S₄: LEVEL SET
 - (1) -30dB (2) -15dB (3) 0dB
 - S₅: BASS CONTROL
 - (1) -10dB ~ (11) +10dB 2dB step 100Hz
 - S₆: TREBLE CONTROL
 - (1) -10dB ~ (11) +10dB 2dB step 10kHz
 - S₇: BASS CONTROL
 - (1) -6dB ~ (7) +6dB 2dB step 50Hz
 - S₈: TREBLE CONTROL
 - (1) -6dB ~ (7) +6dB 2dB step 20kHz
 - S₉: PRE & POWER
 - (1) SEPARATED SUBSONIC OFF
 - (2) SEPARATED SUBSONIC ON (3) NORMAL
 - S₁₀: SPEAKER SELECTOR
 - (1) OFF (2) A (3) B (4) C (5) A+B (6) A+C
 - S₁₁: POWER RELAY
 - S₁₂: FUNCTION SELECTOR
 - (1) OFF (2) ON
 - S₁₃: TAPE MONITOR
 - (1) SOURCE (2) MON 2 (3) MON 1
 - S₁₄: LOUDNESS
 - (1) OFF (2) ON
 - S₁₅: TONE DEFEAT
 - (1) OFF (2) ON
 - S₁₆: MUTING
 - (1) OFF (2) -20dB
 - S₁₇: HIGH FILTER
 - (1) OFF (2) 8kHz (3) 12kHz
 - S₁₈: LOW FILTER
 - (1) SUBSONIC (2) 30Hz (3) OFF

- S₂₁: LINE VOLTAGE SELECTOR
 GRV 240V RED 220V ORG 130V BRN 120V YEL 110V
- POTENTIOMETERS**
- VR₁: VOLUME CONTROL
 VR₂: BALANCE CONTROL
- RESISTOR**
 IN OHM, 1/4W, ±5% TOLERANCE
 UNLESS OTHERWISE NOTED, K=kΩ, M=MΩ
- CAPACITORS**
 IN μF UNLESS OTHERWISE P=pF

\bar{V} : SIGNAL VOLTAGE NECESSARY FOR OBTAINING 75W/8Ω OUTPUT POWER (1KHz)
 \bar{V} : DC VOLTAGE AT NO INPUT SIGNAL.
 \bar{A} : DC CURRENT AT NO INPUT SIGNAL.



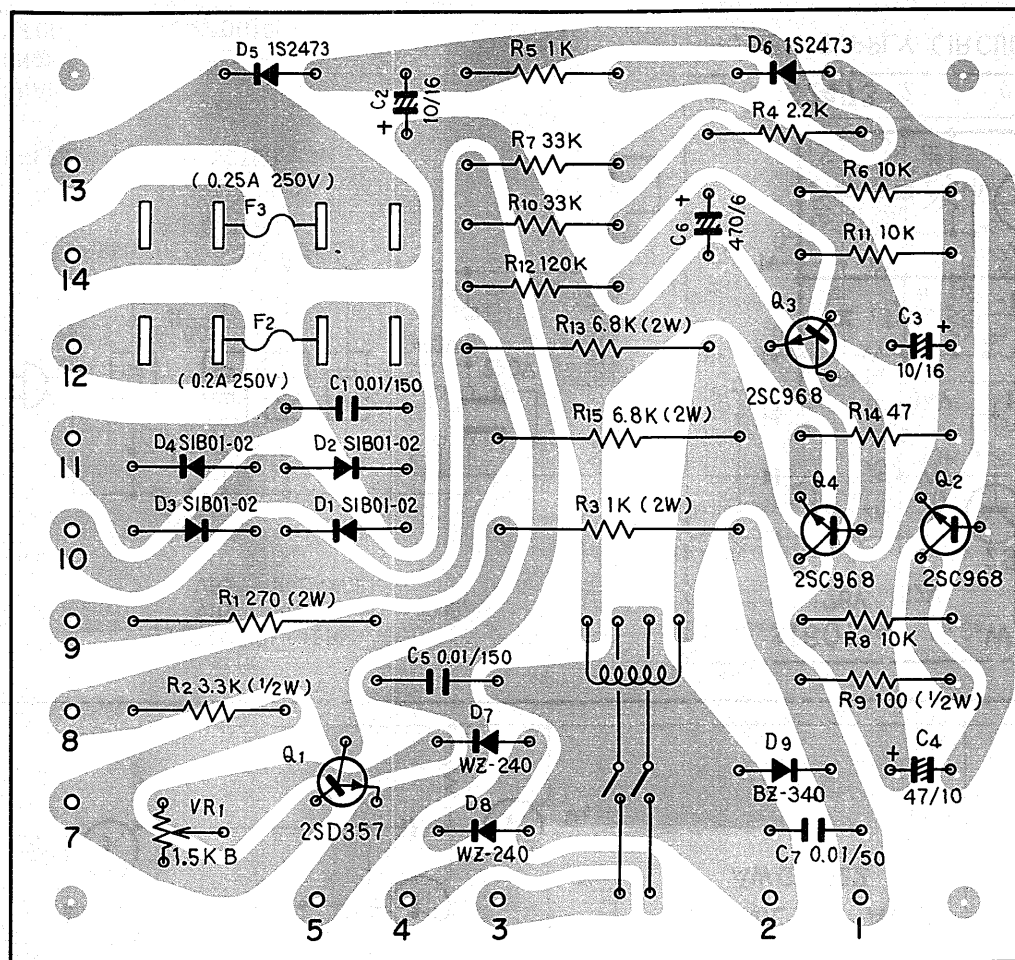
The asterisked fuse is used for CSA-approved models only.



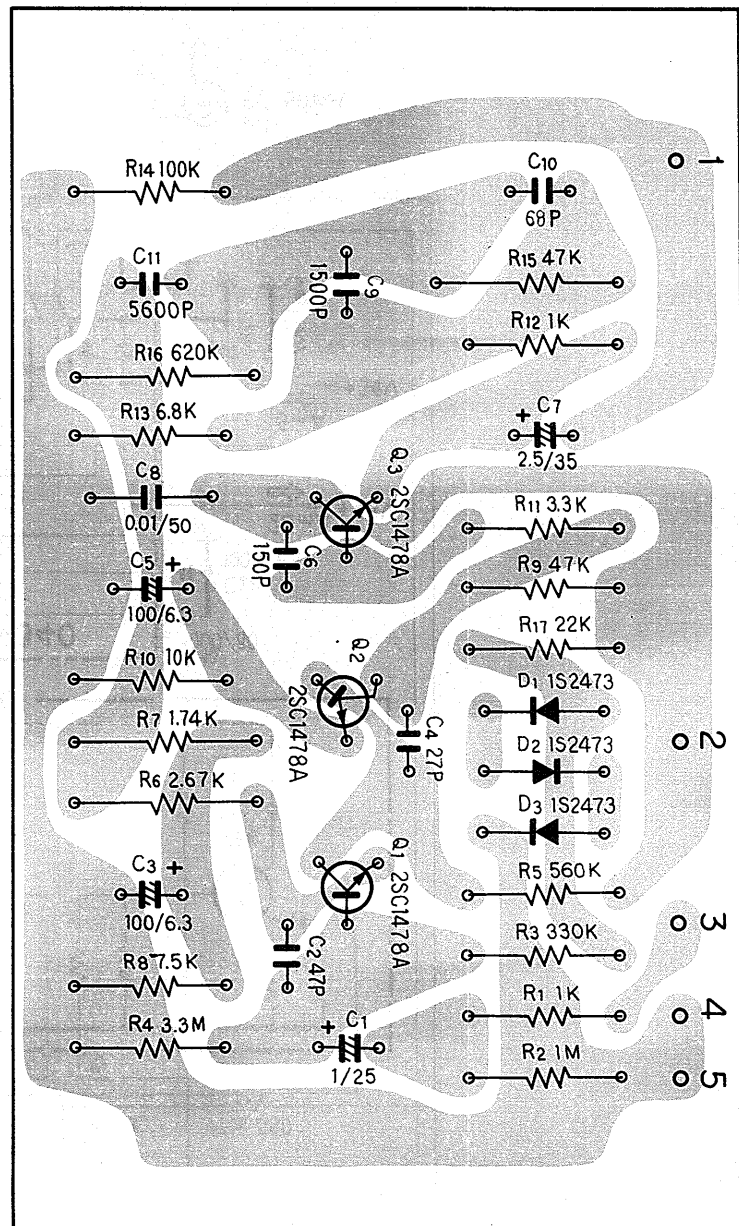
STEREO PREAMPLIFIER
SC-3000
HW

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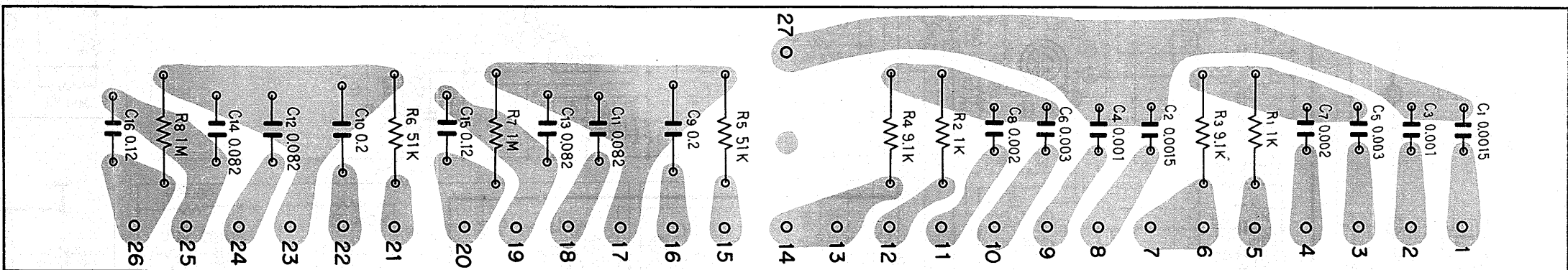
Power supply ass'y AWR-037



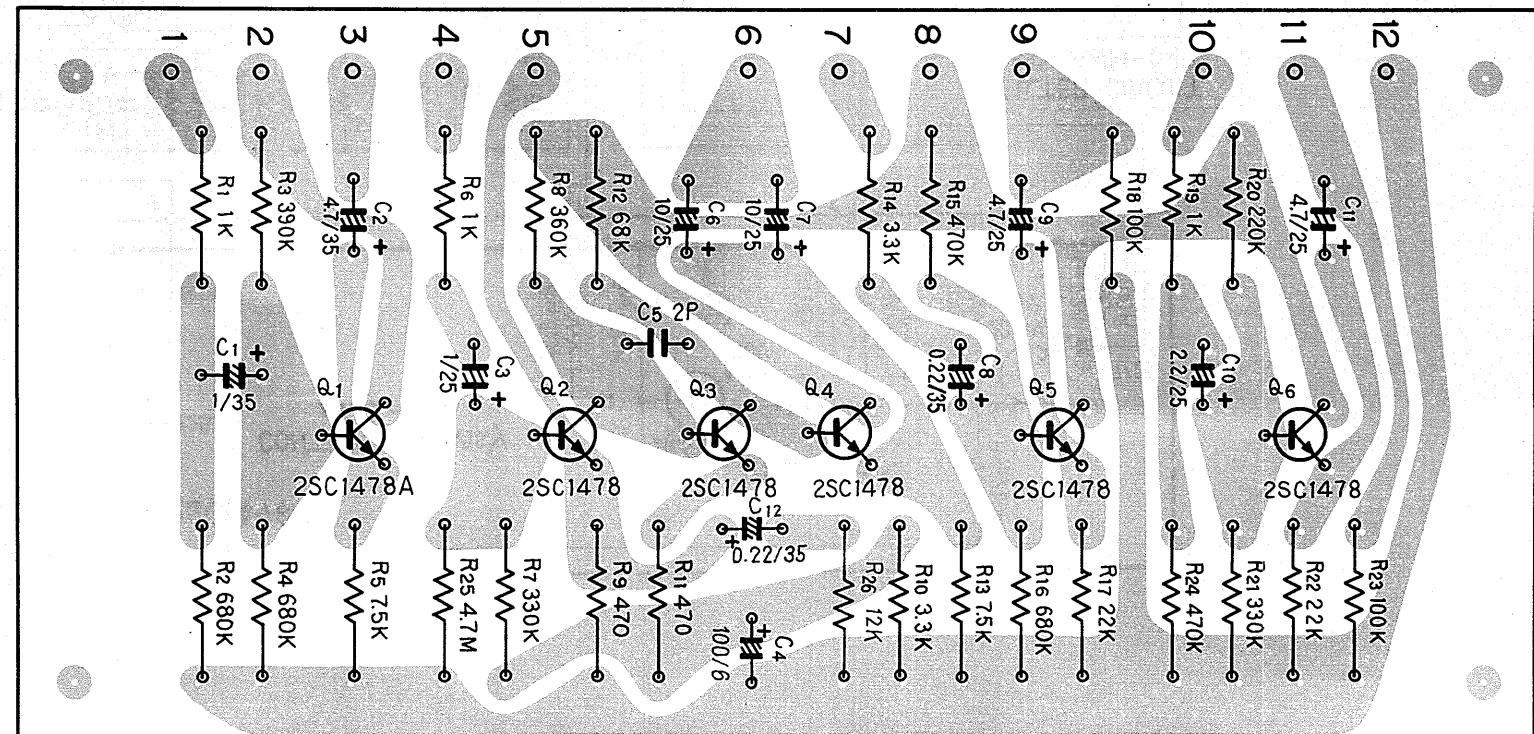
Equalizer amp ass'y AWF-009

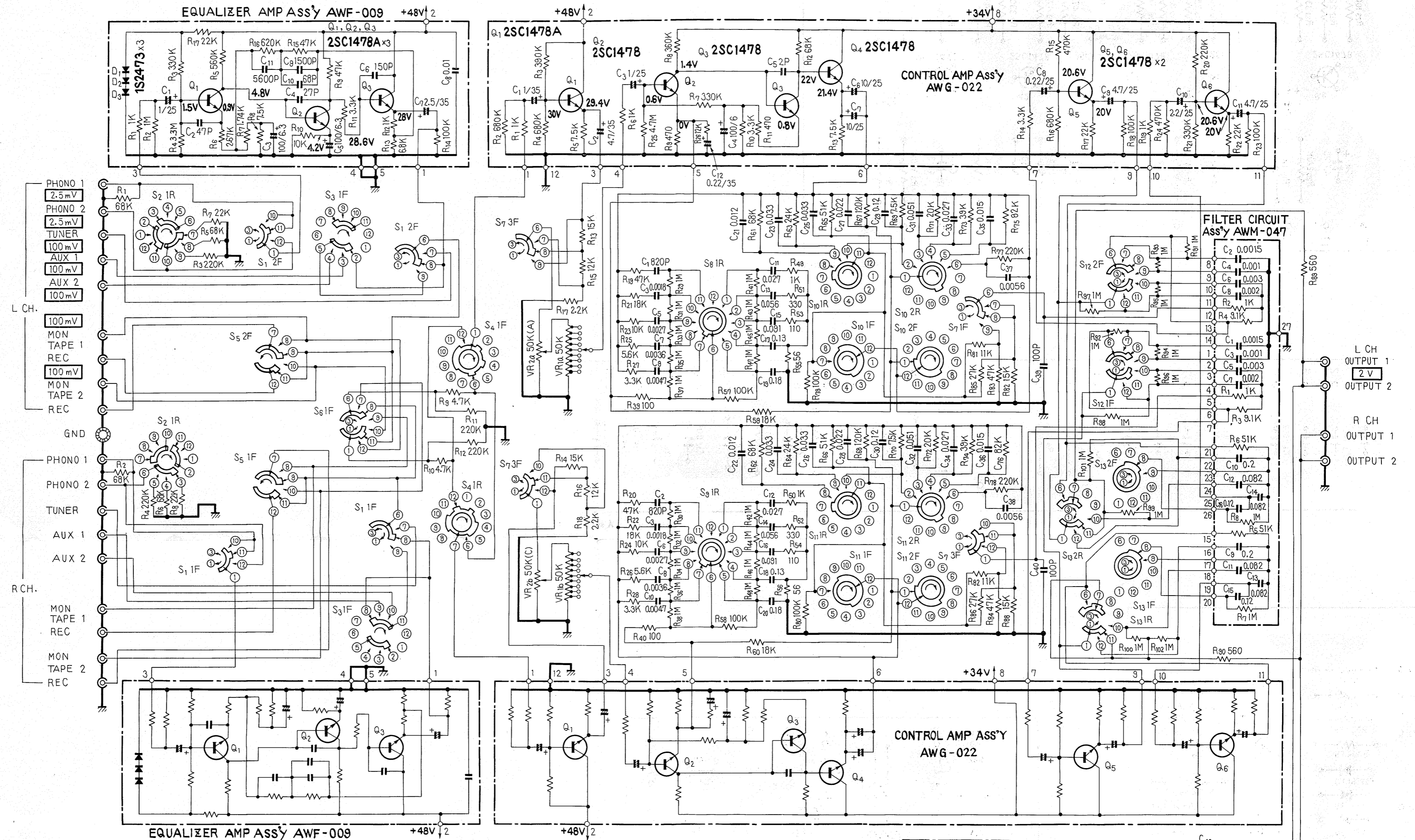


Filter amp ass'y AWM-047



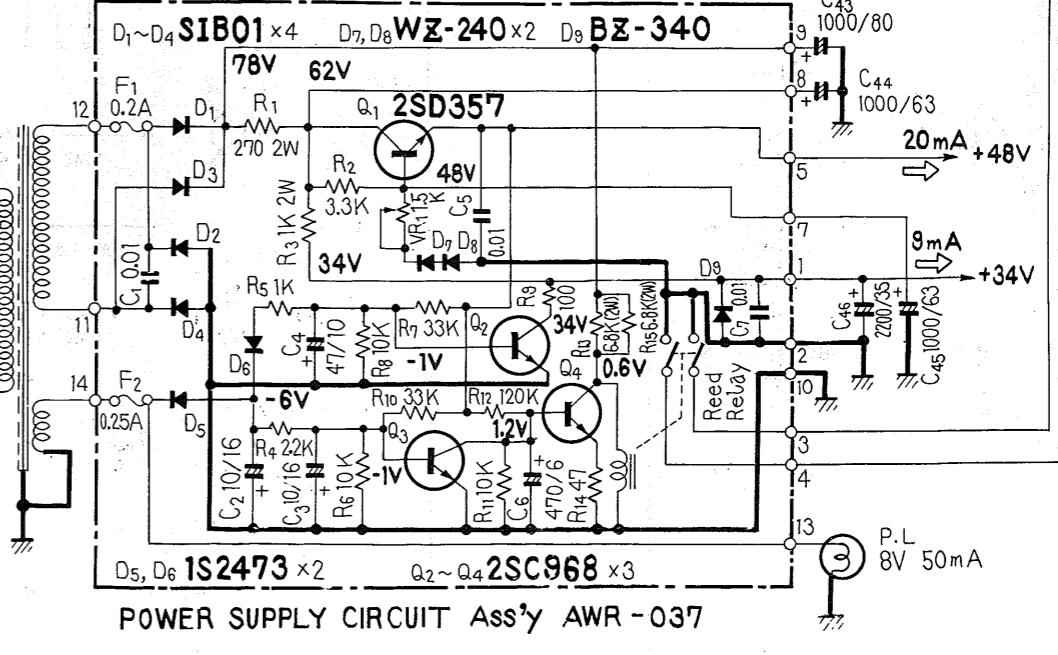
Control amp ass'y AWG-022

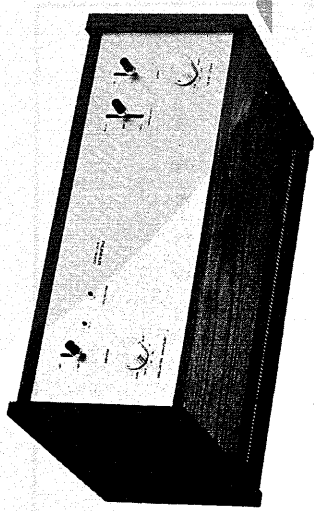




- SWITCHES**
- S1: FUNCTION-LEVER (PHONO 1 position)
 1. FUNCTION-ROTARY
 2. PHONO 1
 3. TUNER
- S2: PHONO 2 INPUT IMPEDANCE (20K position)
 1. 20K
 2. 50K
 3. 100K
- S3: FUNCTION-ROTARY (PHONO 2 position)
 1. PHONO 2
 2. AUX 1
 3. AUX 2
- S4: MODE (STEREO REV. position)
 1. STEREO REV.
 2. STEREO NORM.
 3. MONO L+R
 4. MONO L
 5. MONO R
- S5: DUPLICATE (OFF position)
 1. OFF
 2. ON
- S6: TAPE MONITOR (SOURCE position)
 1. 1
 2. SOURCE
 3. 2
- S7: ATTENUATOR (-15dB position)
 1. 0dB
 2. -15dB
 3. -30dB
- S8: TREBLE CONTROL LEFT (-12.5dB position)
 -12.5dB ~ +12.5dB (2.5dB step at 10kHz)
- S9: TREBLE CONTROL RIGHT (-12.5dB position)
 -12.5dB ~ +12.5dB (2.5dB step at 10kHz)
- S10: BASS CONTROL LEFT (-10dB position)
 -10dB ~ +15dB (2.5dB step at 50Hz)
- S11: BASS CONTROL RIGHT (-10dB position)
 -10dB ~ +15dB (2.5dB step at 50Hz)
- S12: HIGH FILTER (OFF position)
 1. 12kHz
 2. OFF
 3. 8kHz
- S13: LOW FILTER (OFF position)
 1. SUBSONIC
 2. OFF
 3. 30Hz

- S14: POWER (OFF position)
 1. OFF 2. ON
- S15: LINE VOLTAGE SELECTOR (220V position)
 1. 220V 2. 240V
- POTENTIOMETERS**
 VR1: VOLUME 0 ~ -60dB, ∞
 VR2: BALANCE
- CAPACITORS**
 IN μF UNLESS OTHERWISE NOTED.
 P: pF
- AC 220/240V
 50 ~ 60Hz
- RESISTORS:**
 IN OHM, 1/4W, ±5% TOLERANCE UNLESS OTHERWISE NOTED.
 K: kΩ M: MΩ
- V: DC VOLTAGE AT NO INPUT SIGNAL.
 A: DC CURRENT AT NO INPUT SIGNAL.
 V: SIGNAL VOLTAGE NECESSARY FOR OBTAINING 2V OUTPUT (1kHz)





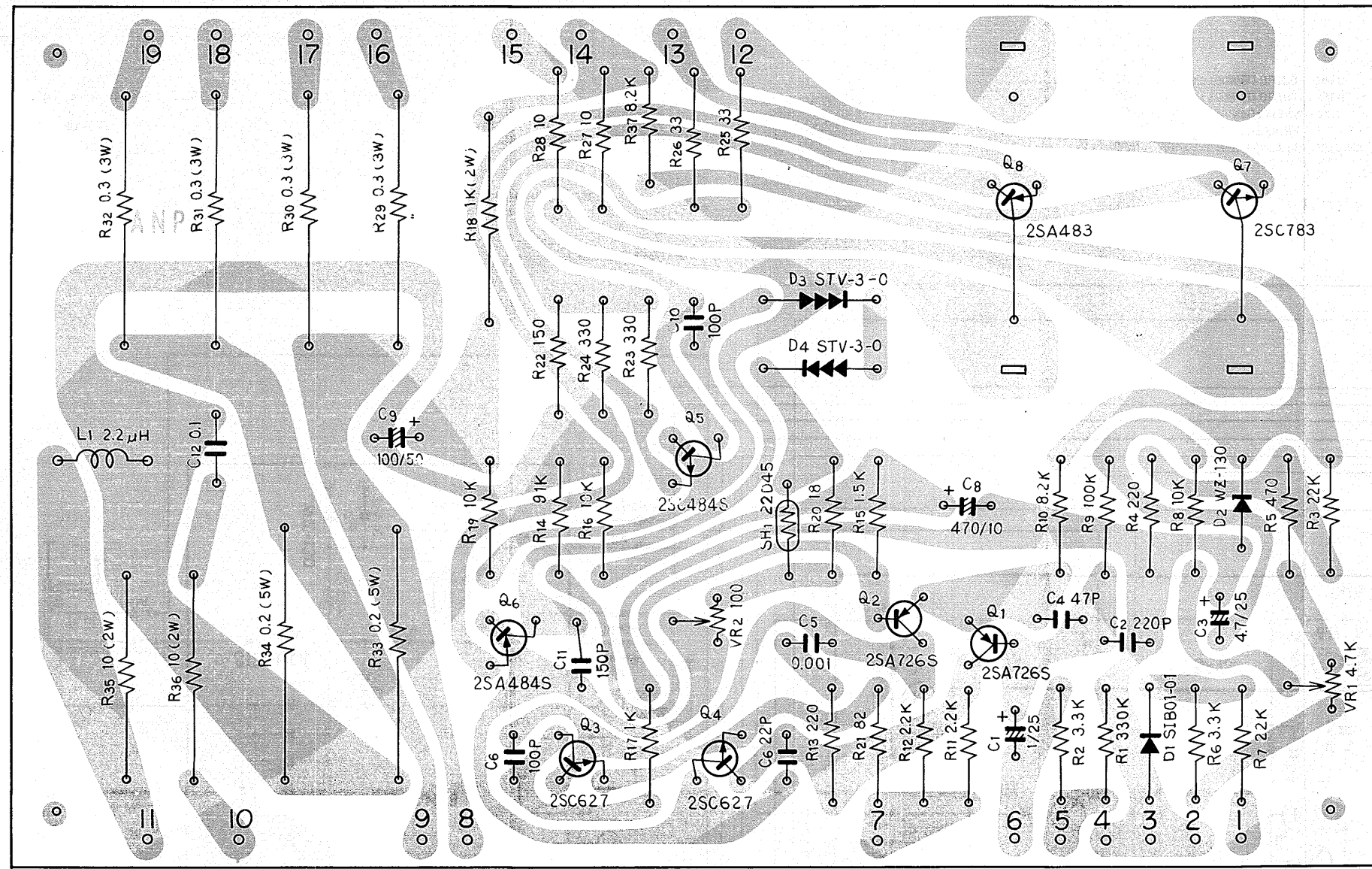
STEREO POWER AMPLIFIER

SM-3000

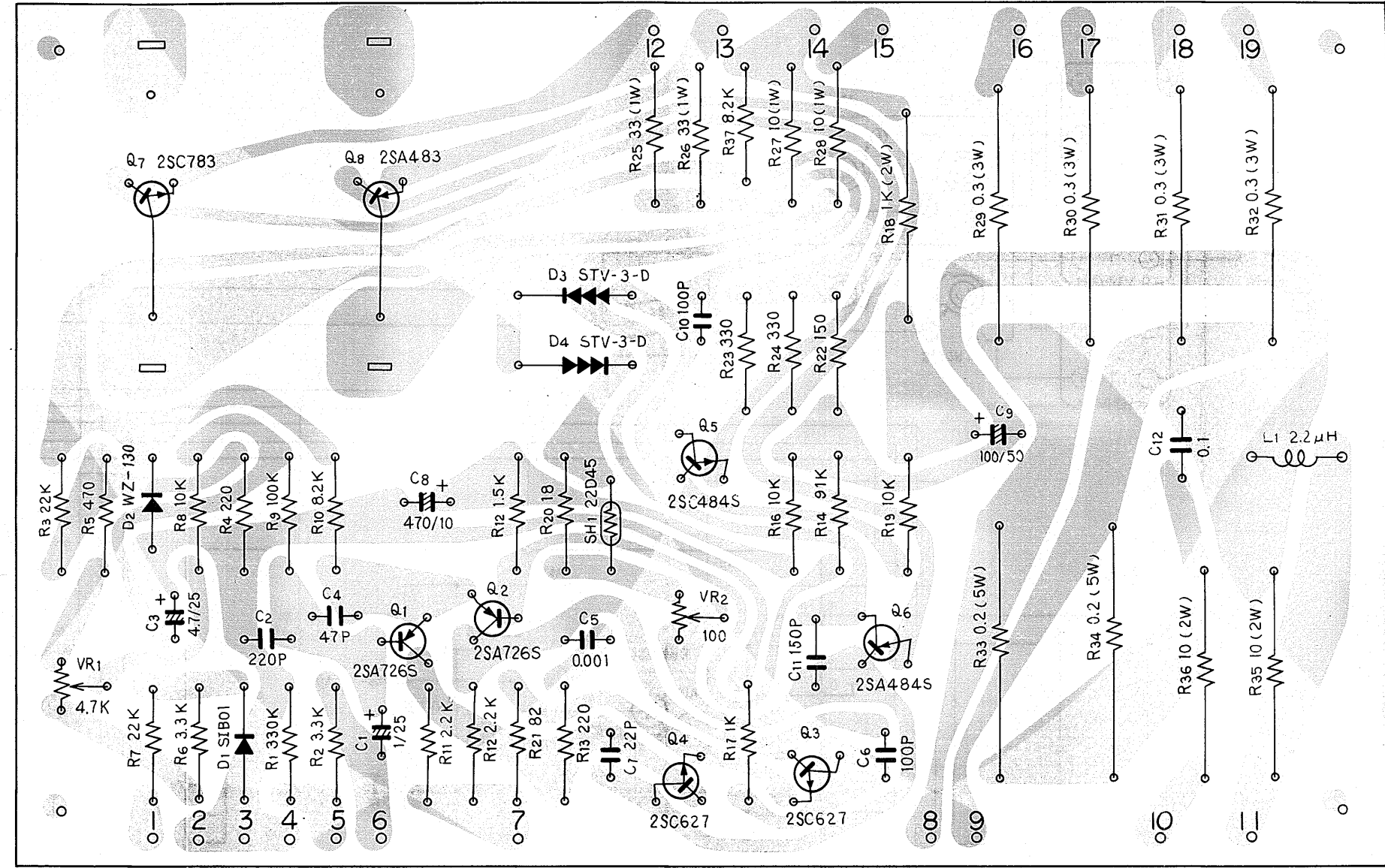
NW NW

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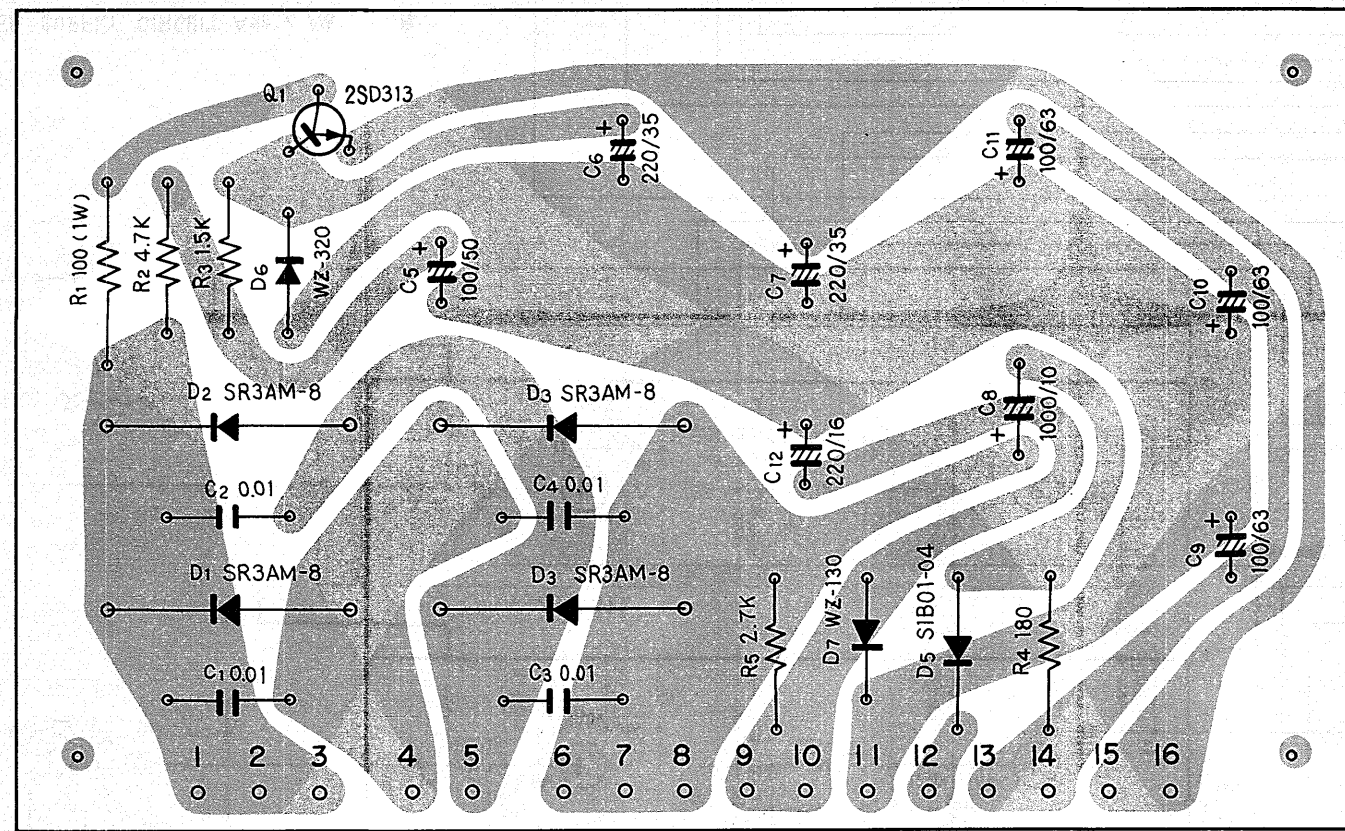
Power amp ass'y AWH-009



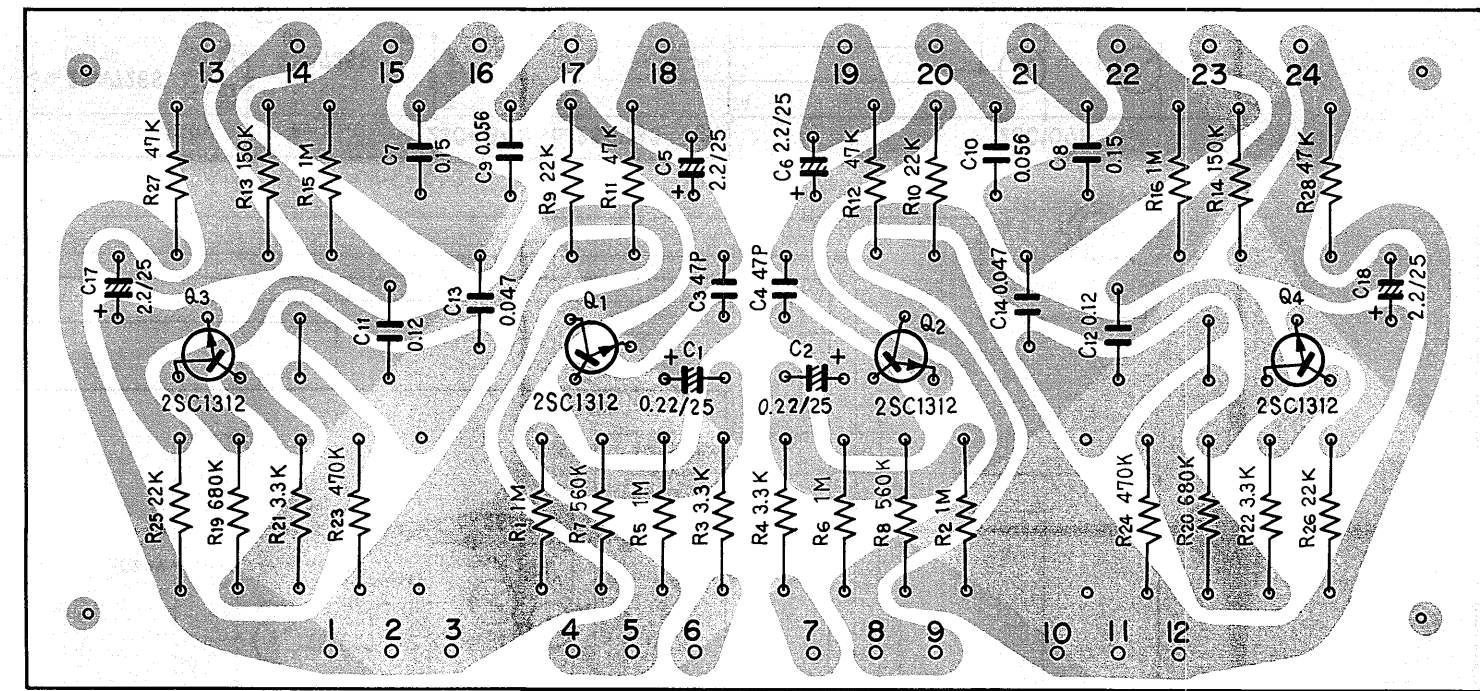
Power amp ass'y AWH-008



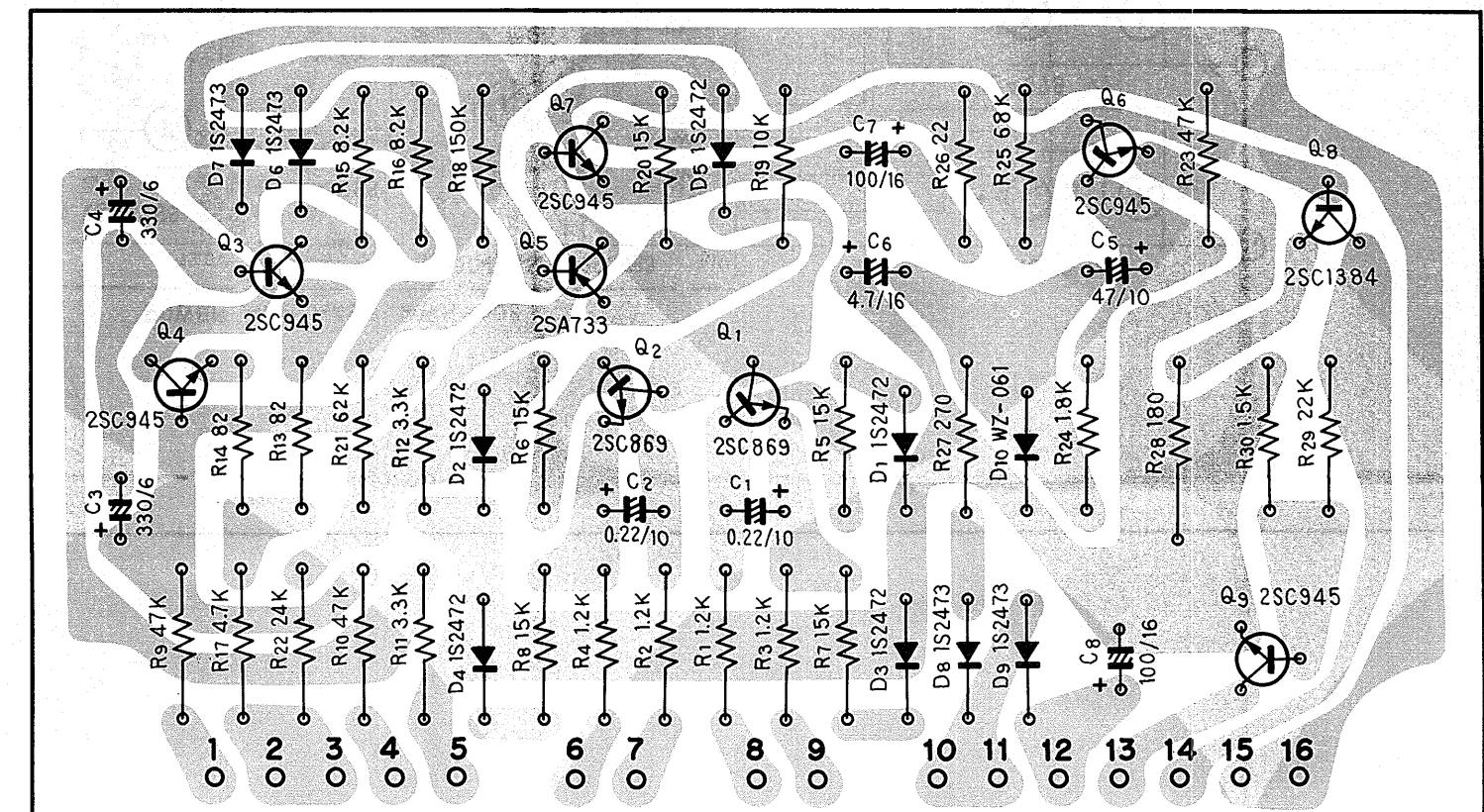
Power supply ass'y AWR-008



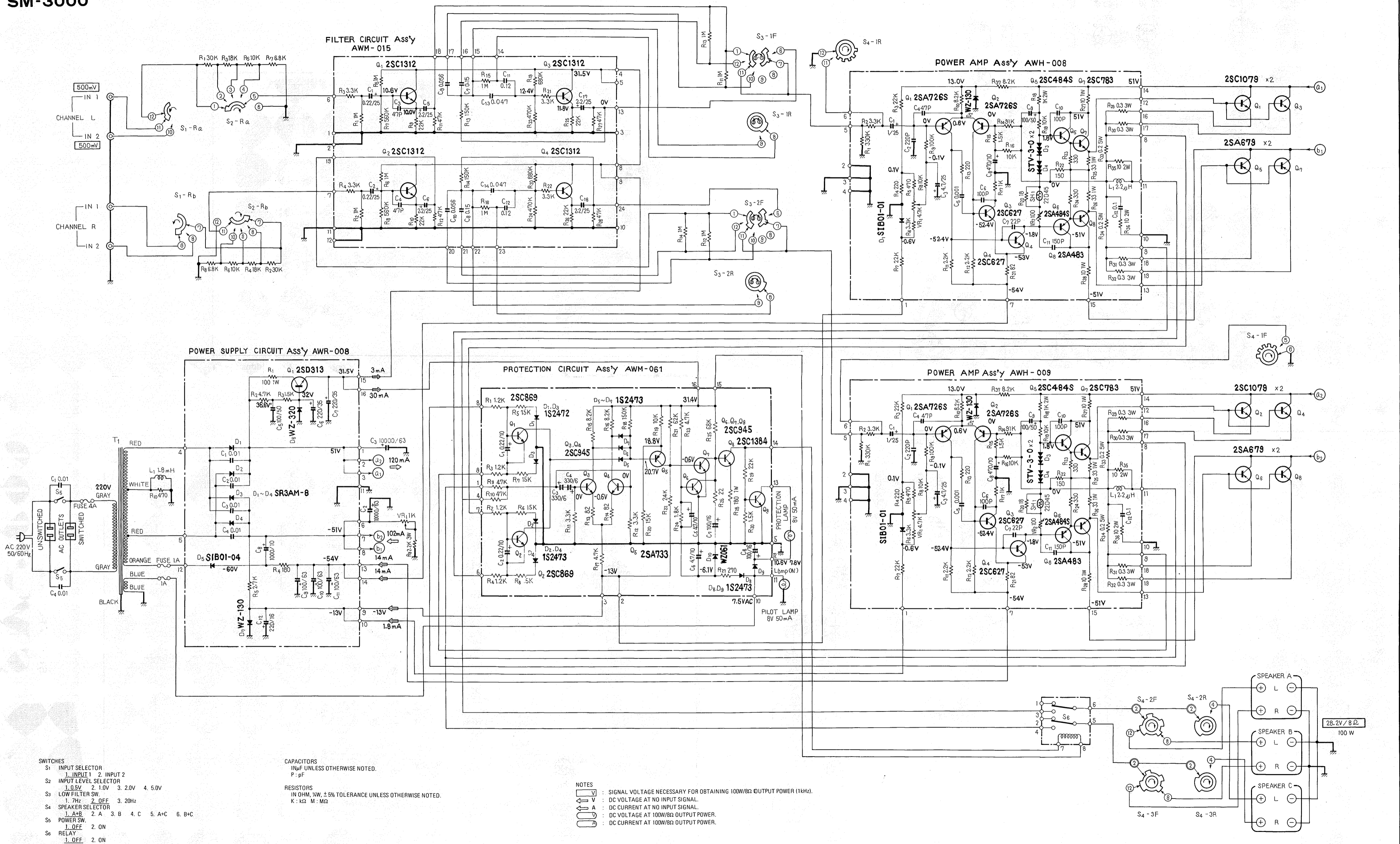
Filter amp ass'y AWM-015



Protection circuit ass'y AWM-061



SM-3000



- SWITCHES**
- S1 INPUT SELECTOR
1. INPUT 1 2. INPUT 2
 - S2 INPUT LEVEL SELECTOR
1. 0.5V 2. 1.0V 3. 2.0V 4. 5.0V
 - S3 LOW FILTER SW.
1. 7Hz 2. OFF 3. 20Hz
 - S4 SPEAKER SELECTOR
1. A+B 2. A 3. B 4. C 5. A+C 6. B+C
 - S5 POWER SW.
1. OFF 2. ON
 - S6 RELAY
1. OFF 2. ON

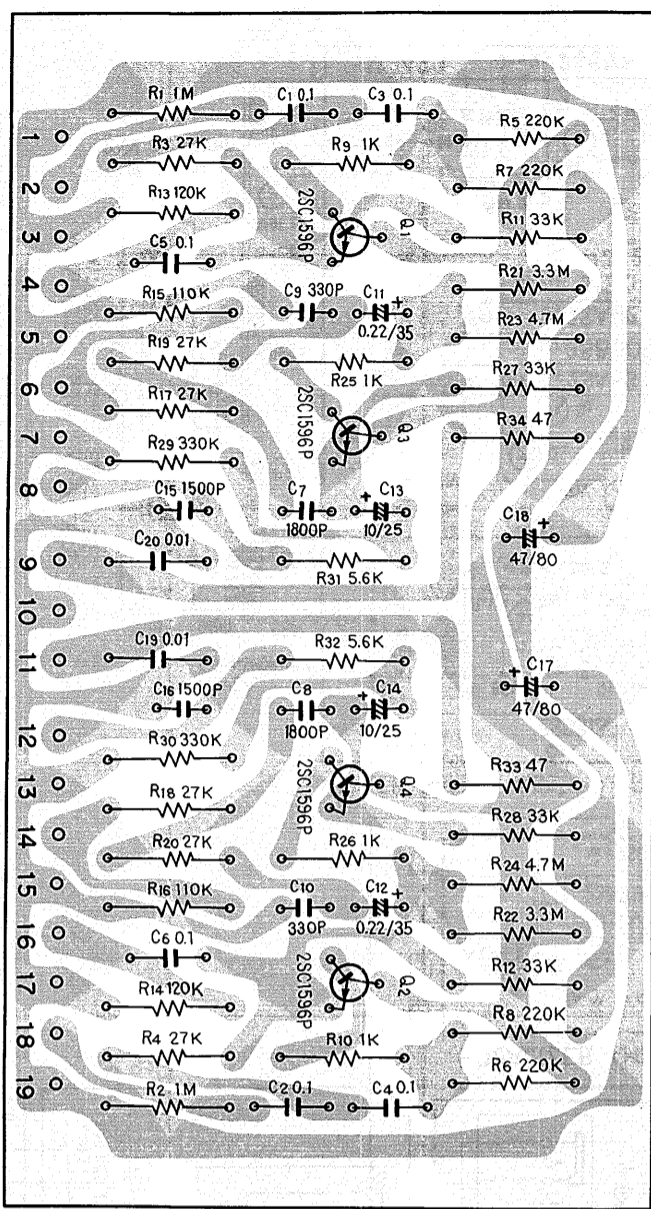
- CAPACITORS**
μF UNLESS OTHERWISE NOTED.
P: pF
- RESISTORS**
IN OHM, %W, ±5% TOLERANCE UNLESS OTHERWISE NOTED.
K: kΩ M: MΩ

- NOTES**
- ⊖: SIGNAL VOLTAGE NECESSARY FOR OBTAINING 100W/8Ω OUTPUT POWER (1kHz).
 - ⊖: DC VOLTAGE AT NO INPUT SIGNAL.
 - ⊖: DC CURRENT AT NO INPUT SIGNAL.
 - ⊖: DC VOLTAGE AT 100W/8Ω OUTPUT POWER.
 - ⊖: DC CURRENT AT 100W/8Ω OUTPUT POWER.

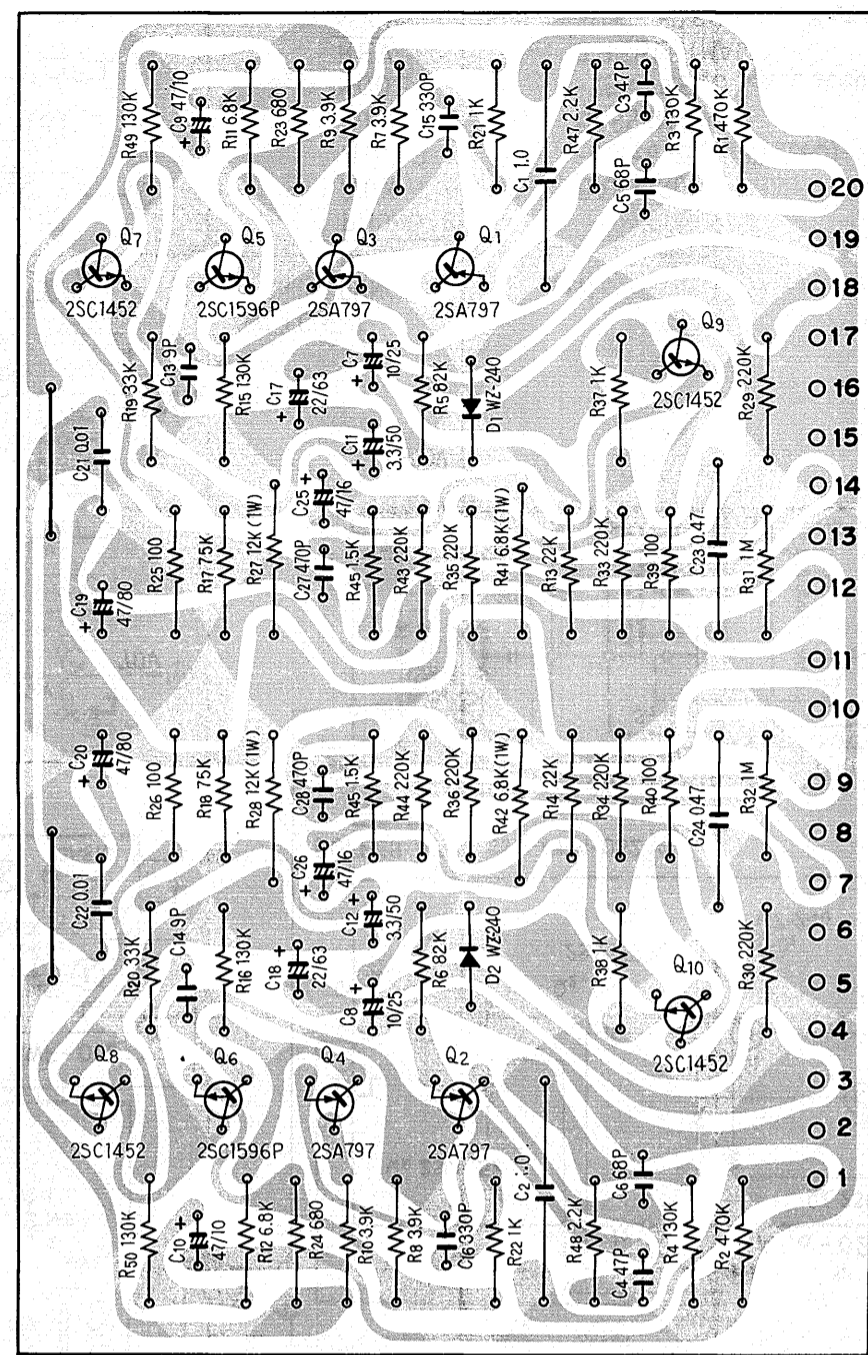
Stereo Preamplifier
EXCLUSIVE

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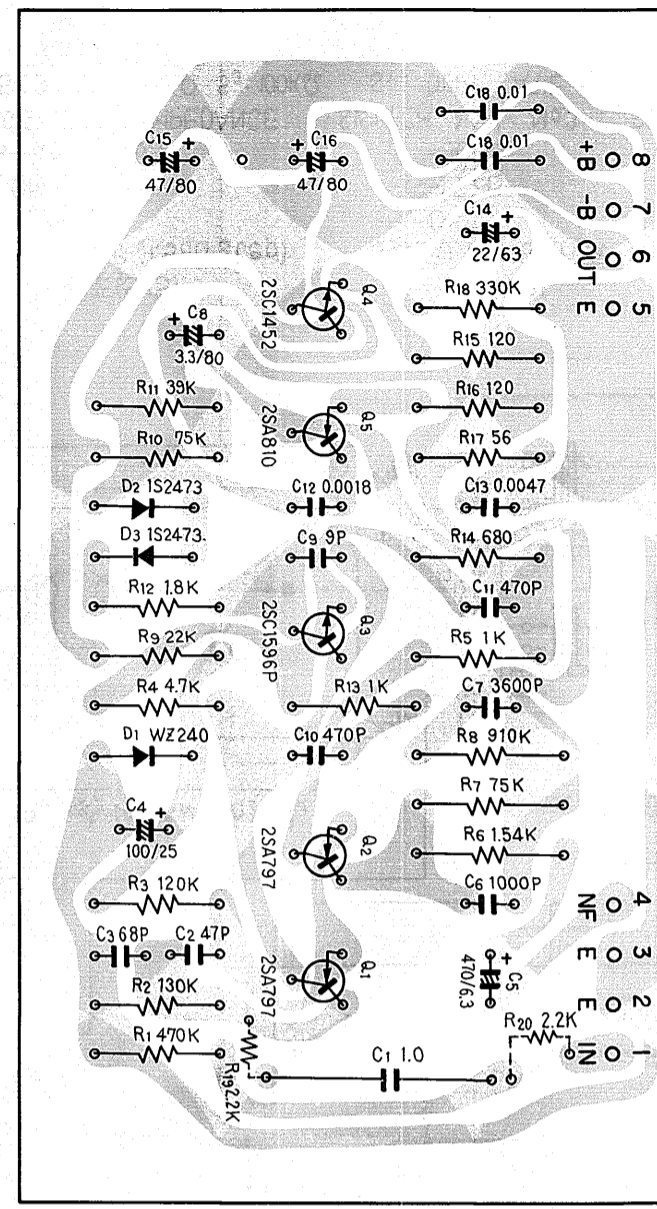
Filter amp ass'y AWM-053



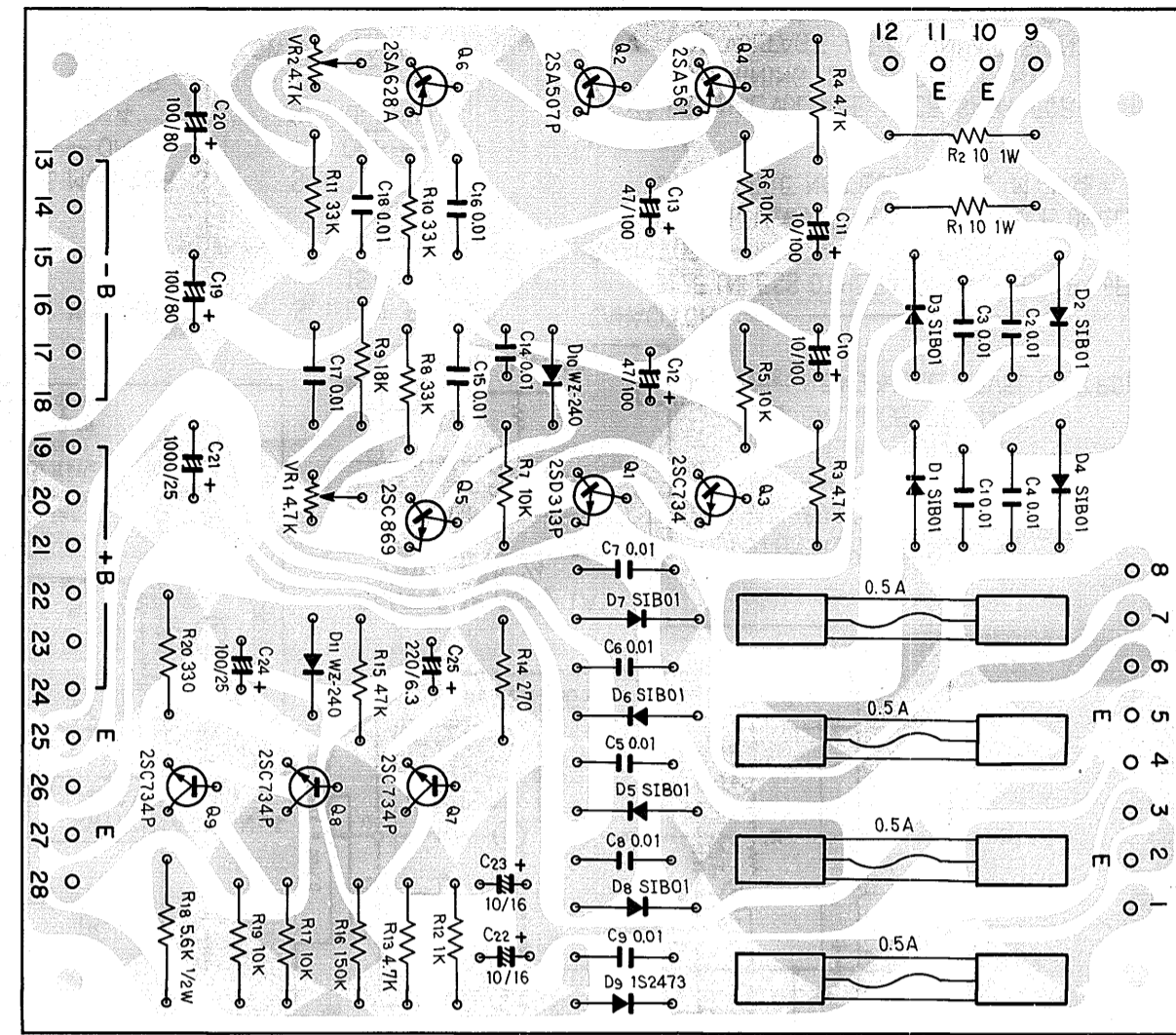
Flat amp ass'y A AWG-026



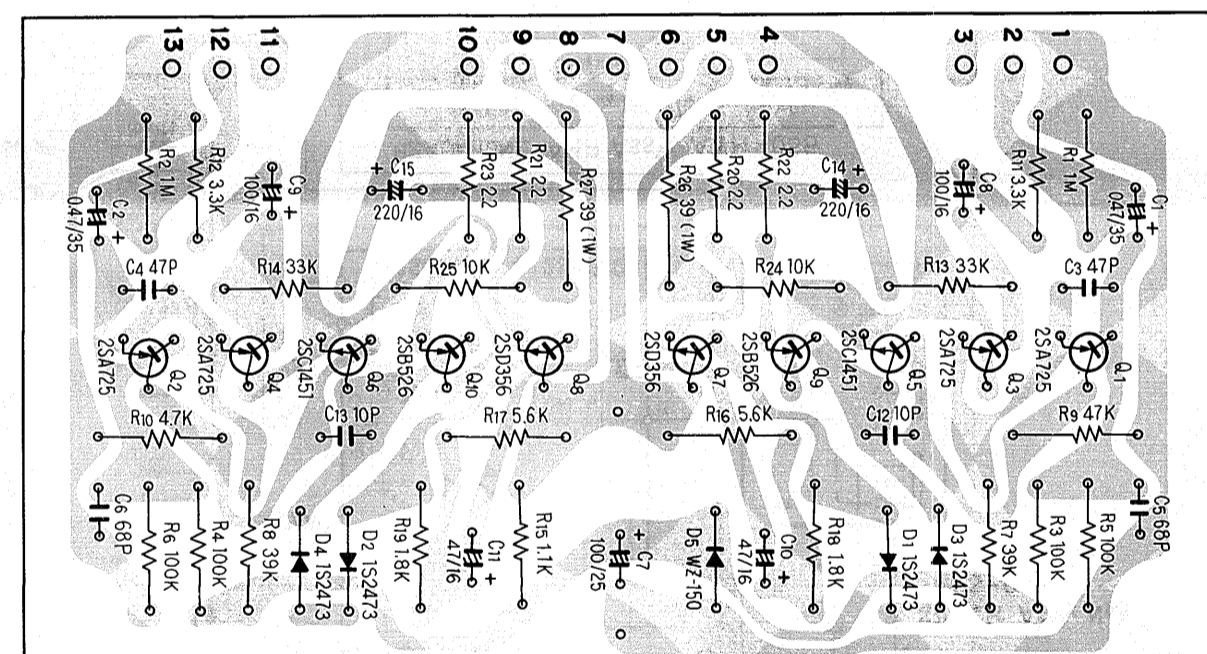
Equalizer amp ass'y AWF-012



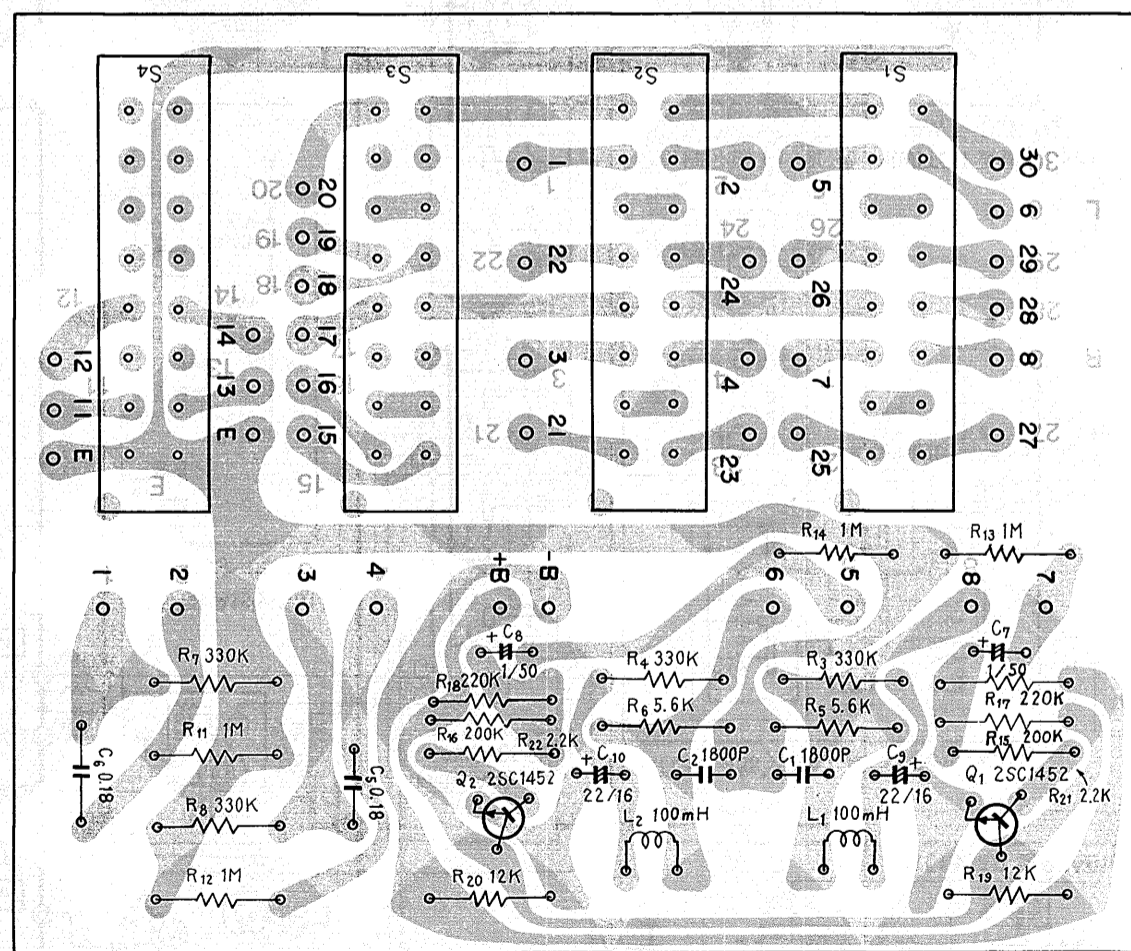
Power supply ass'y AWR-048



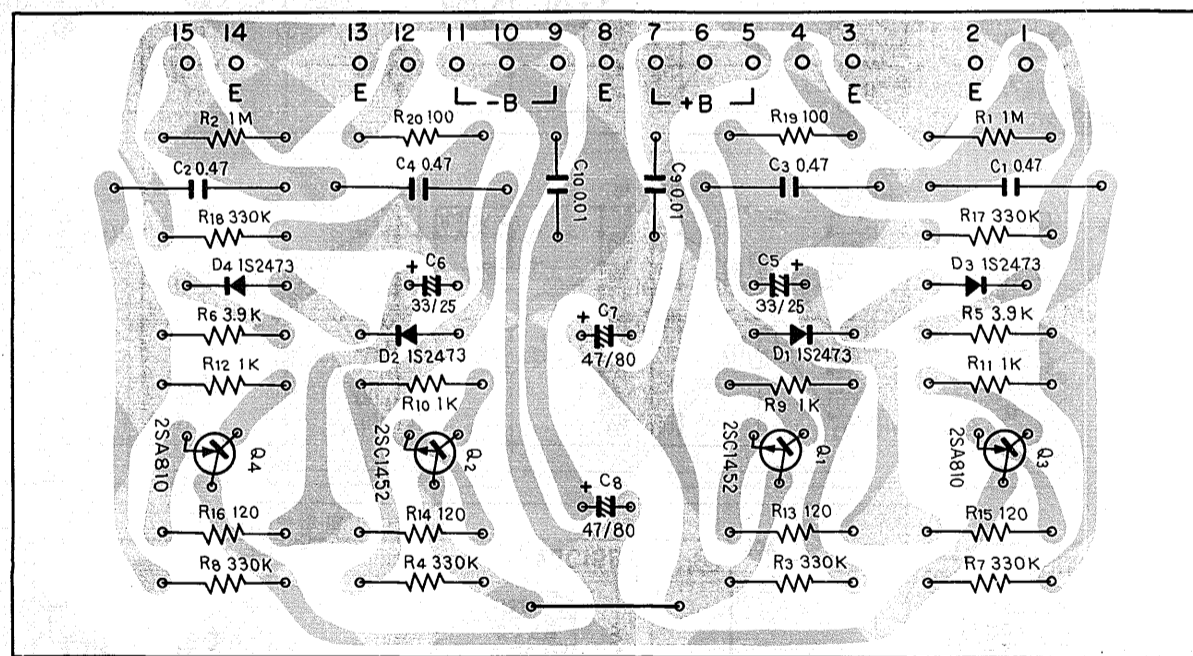
Headphone amp ass'y AWM-055



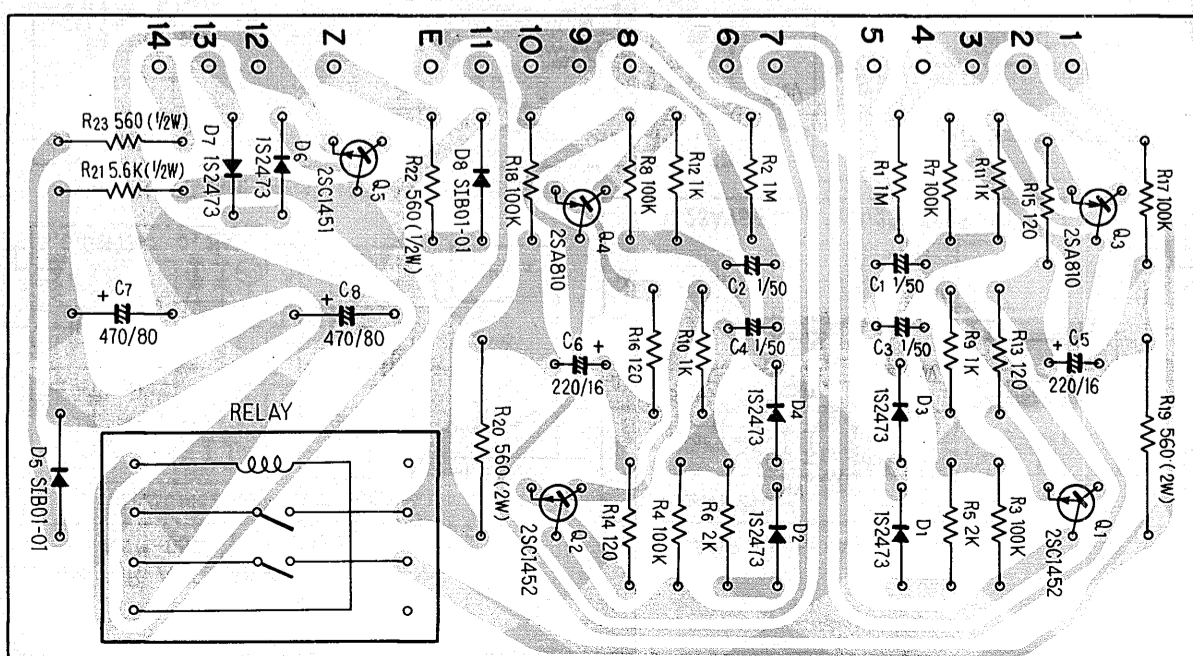
Switch ass'y No.4 AWS-057



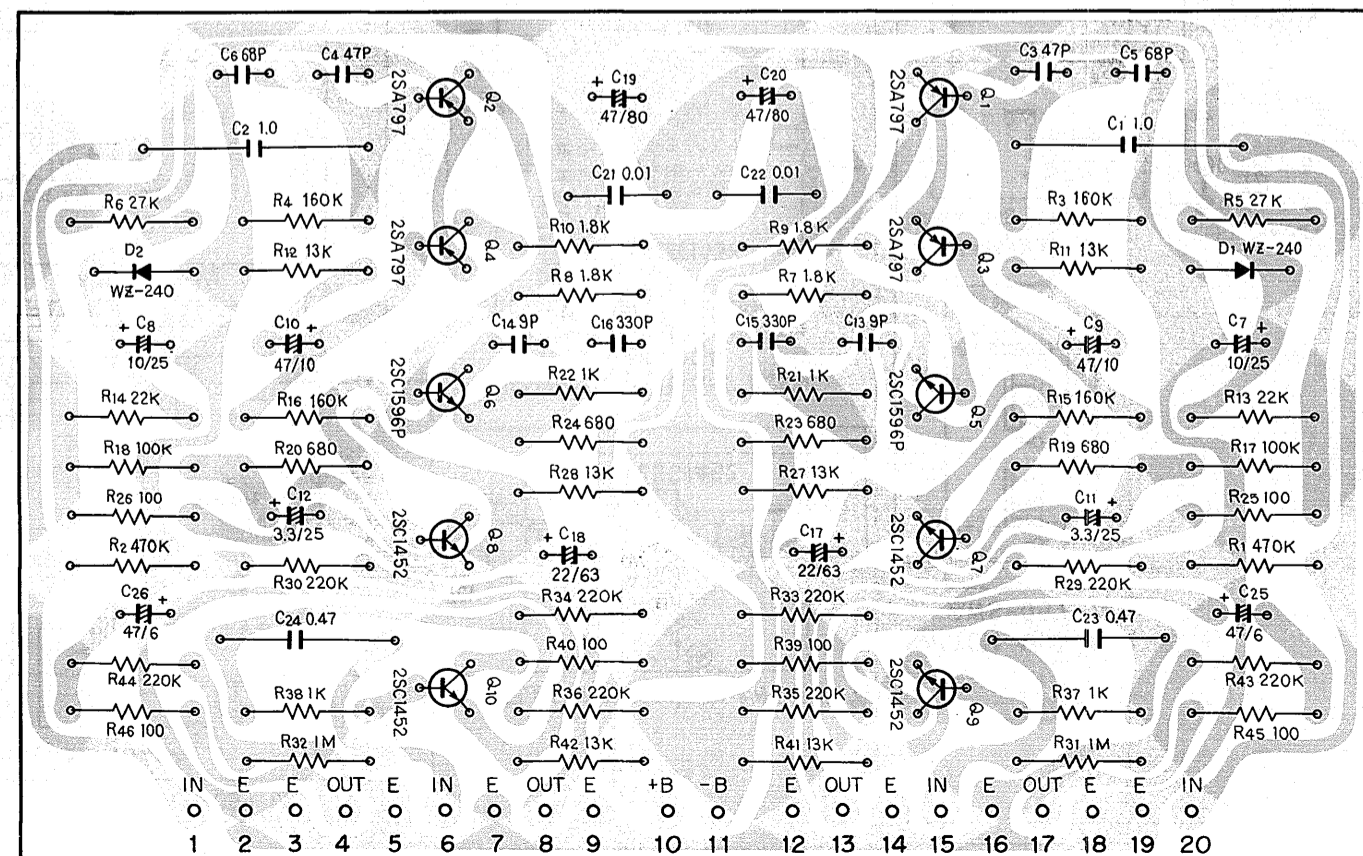
Buffer amp ass'y AWM-052



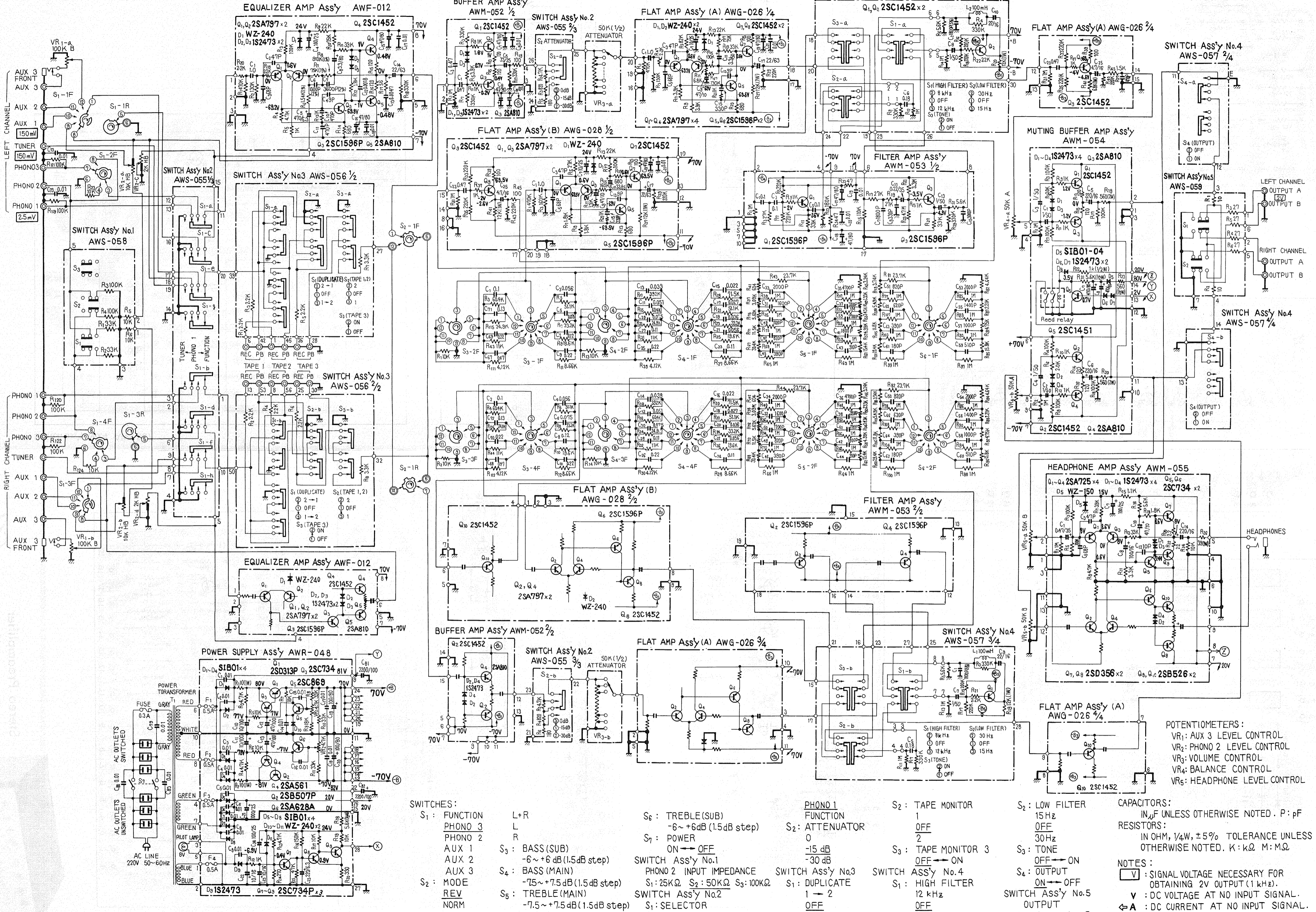
Muting buffer amp ass'y AWM-054



Flat amp ass'y BAWG-028

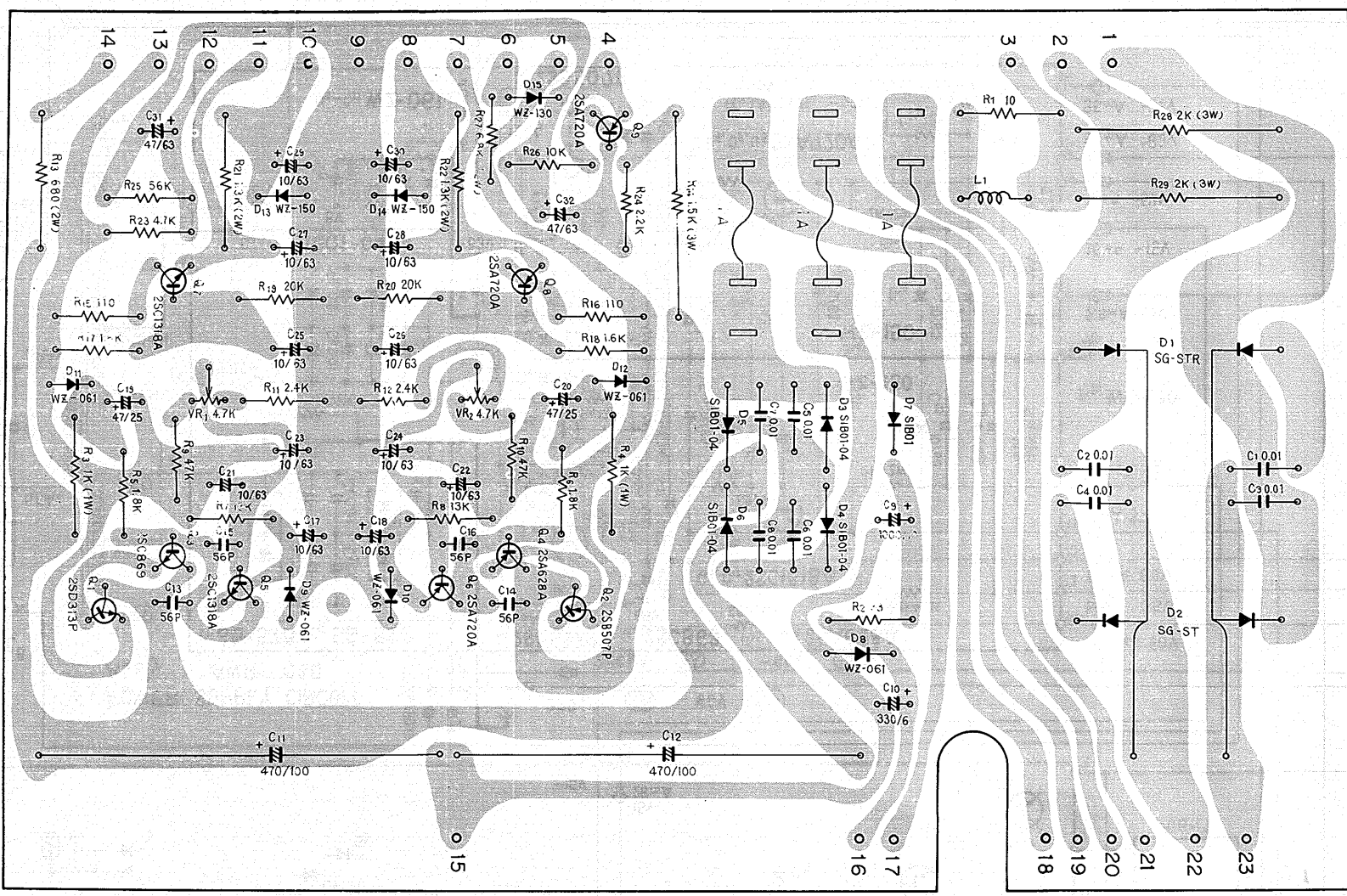


EXCLUSIVE C3

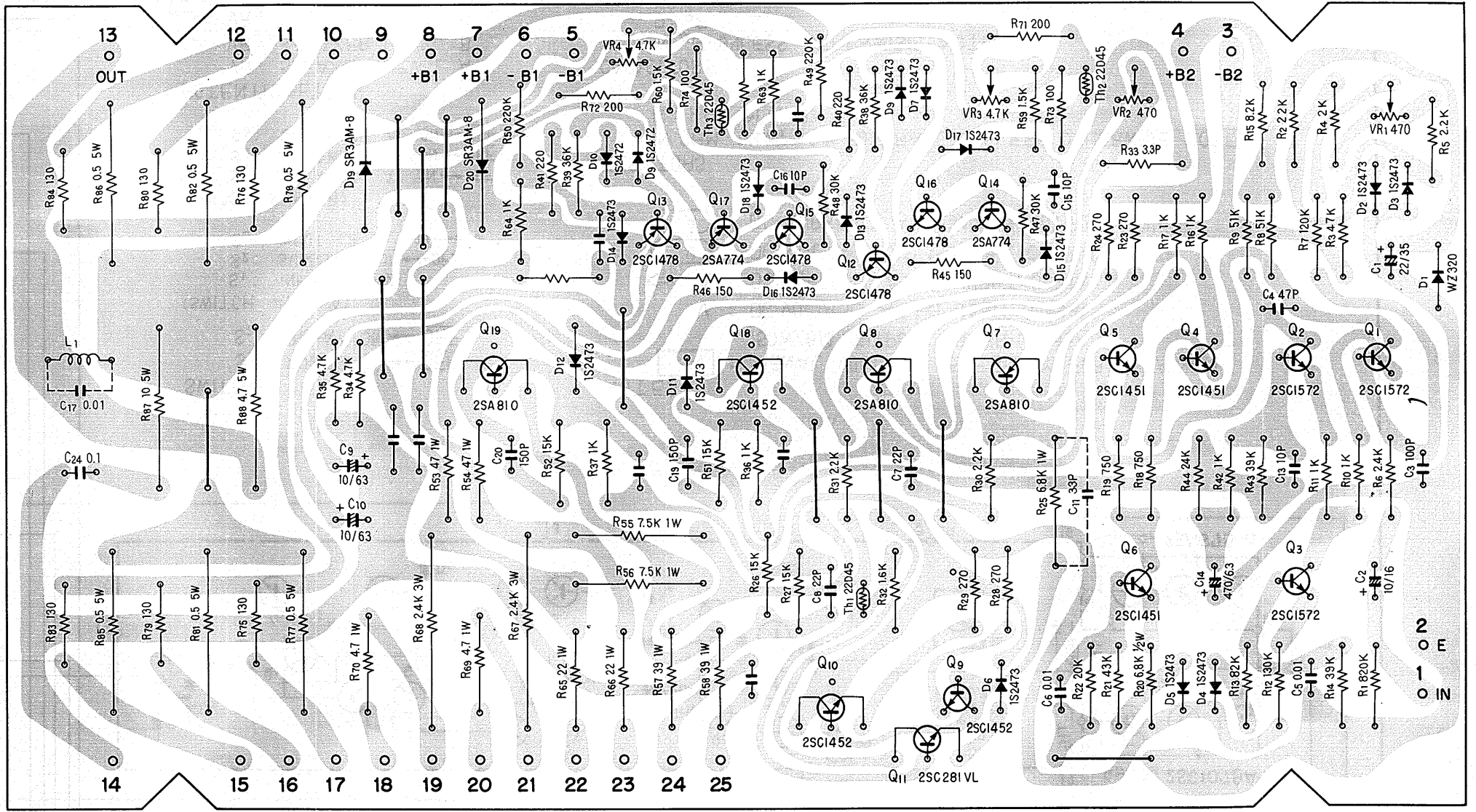


- SWITCHES:**
- S₁: FUNCTION
 - L+R
 - L
 - R
 - S₂: MODE
 - REV
 - NORM
 - S₃: BASS (SUB)
 - 6 ~ +6 dB (1.5dB step)
 - S₄: BASS (MAIN)
 - 7.5 ~ +7.5 dB (1.5dB step)
 - S₅: TREBLE (MAIN)
 - 7.5 ~ +7.5 dB (1.5dB step)
 - S₆: TREBLE (SUB)
 - 6 ~ +6 dB (1.5dB step)
 - S₇: POWER
 - ON → OFF
 - SWITCH Ass'y No.1
 - PHONO 2 INPUT IMPEDANCE
 - S₁: 25KΩ S₂: 50KΩ S₃: 100KΩ
 - SWITCH Ass'y No.2
 - TUNER
 - S₁: SELECTOR
 - S₂: 1 → 2
 - S₃: OFF
 - S₄: 2 → 1
 - PHONO 1 FUNCTION
 - S₂: ATTENUATOR
 - 0
 - 15 dB
 - 30 dB
 - SWITCH Ass'y No.3
 - S₁: DUPLICATE
 - OFF
 - ON
 - SWITCH Ass'y No.4
 - S₁: HIGH FILTER
 - 12 kHz
 - 8 kHz
 - SWITCH Ass'y No.4
 - S₂: TAPE MONITOR
 - 1
 - OFF
 - SWITCH Ass'y No.4
 - S₃: TAPE MONITOR 3
 - OFF → ON
 - SWITCH Ass'y No.4
 - S₁: HIGH FILTER
 - 15 Hz
 - 30 Hz
 - 15 Hz
 - SWITCH Ass'y No.5
 - S₄: OUTPUT
 - ON → OFF
 - OUTPUT
 - S₁: A → S₂: B
 - S₂: LOW FILTER
 - 15 Hz
 - OFF
 - 30 Hz
 - 15 Hz
 - S₃: TONE
 - OFF → ON
- POTENTIOMETERS:**
- VR₁: AUX 3 LEVEL CONTROL
 - VR₂: PHONO 2 LEVEL CONTROL
 - VR₃: VOLUME CONTROL
 - VR₄: BALANCE CONTROL
 - VR₅: HEADPHONE LEVEL CONTROL
- CAPACITORS:**
IN μF UNLESS OTHERWISE NOTED. P: pF
- RESISTORS:**
IN OHM, 1/4W, ±5% TOLERANCE UNLESS OTHERWISE NOTED. K: kΩ M: MΩ
- NOTES:**
- : SIGNAL VOLTAGE NECESSARY FOR OBTAINING 2V OUTPUT (1 kHz).
 - V: DC VOLTAGE AT NO INPUT SIGNAL.
 - ← A: DC CURRENT AT NO INPUT SIGNAL.

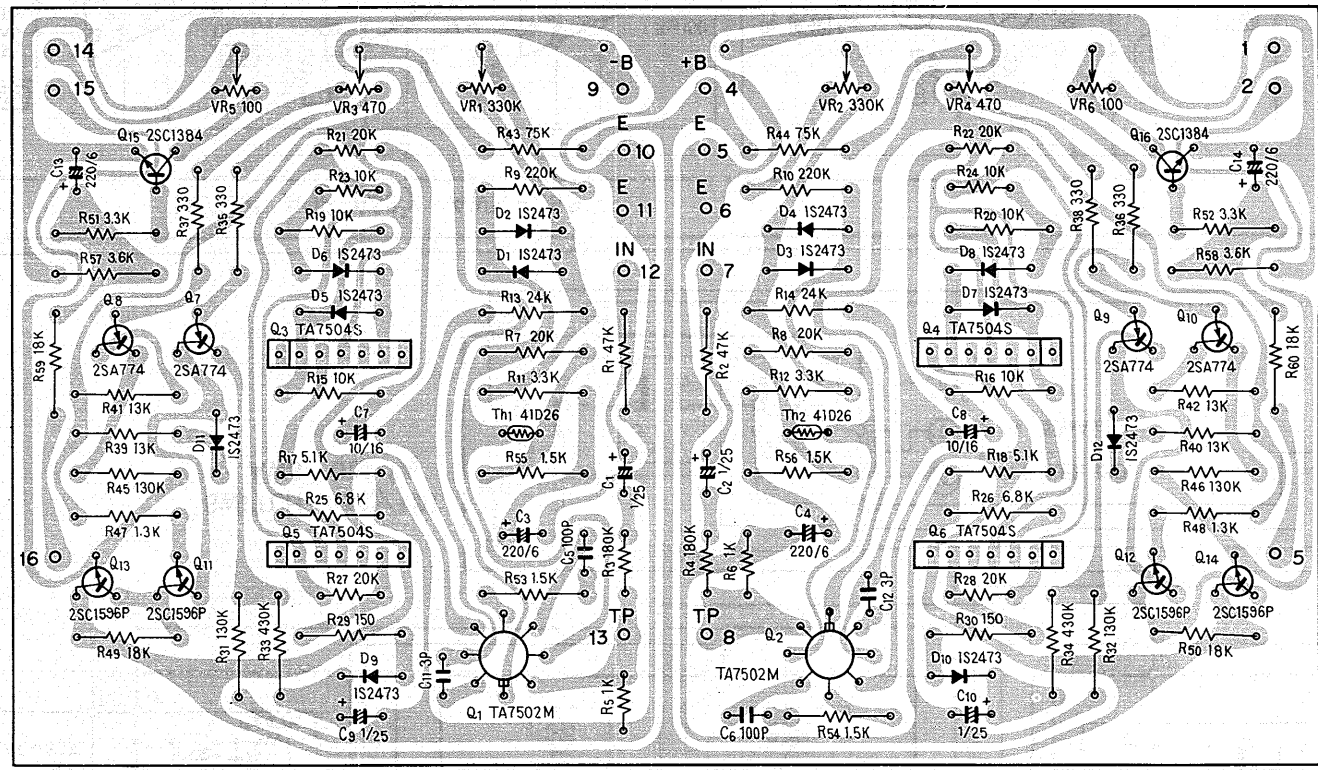
Power supply ass'y AWR-050



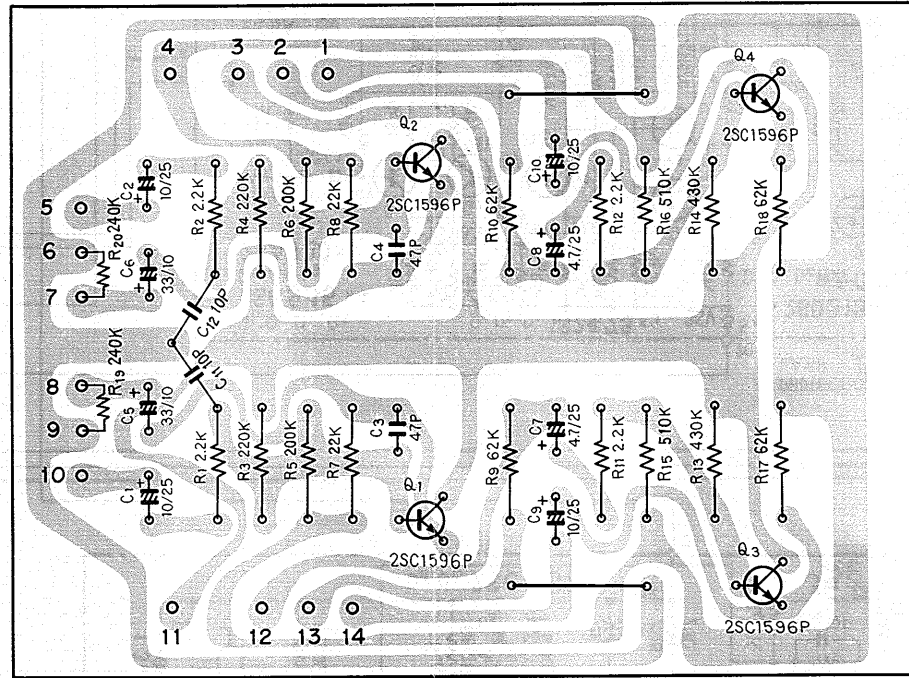
Power amp ass'y AWH-029



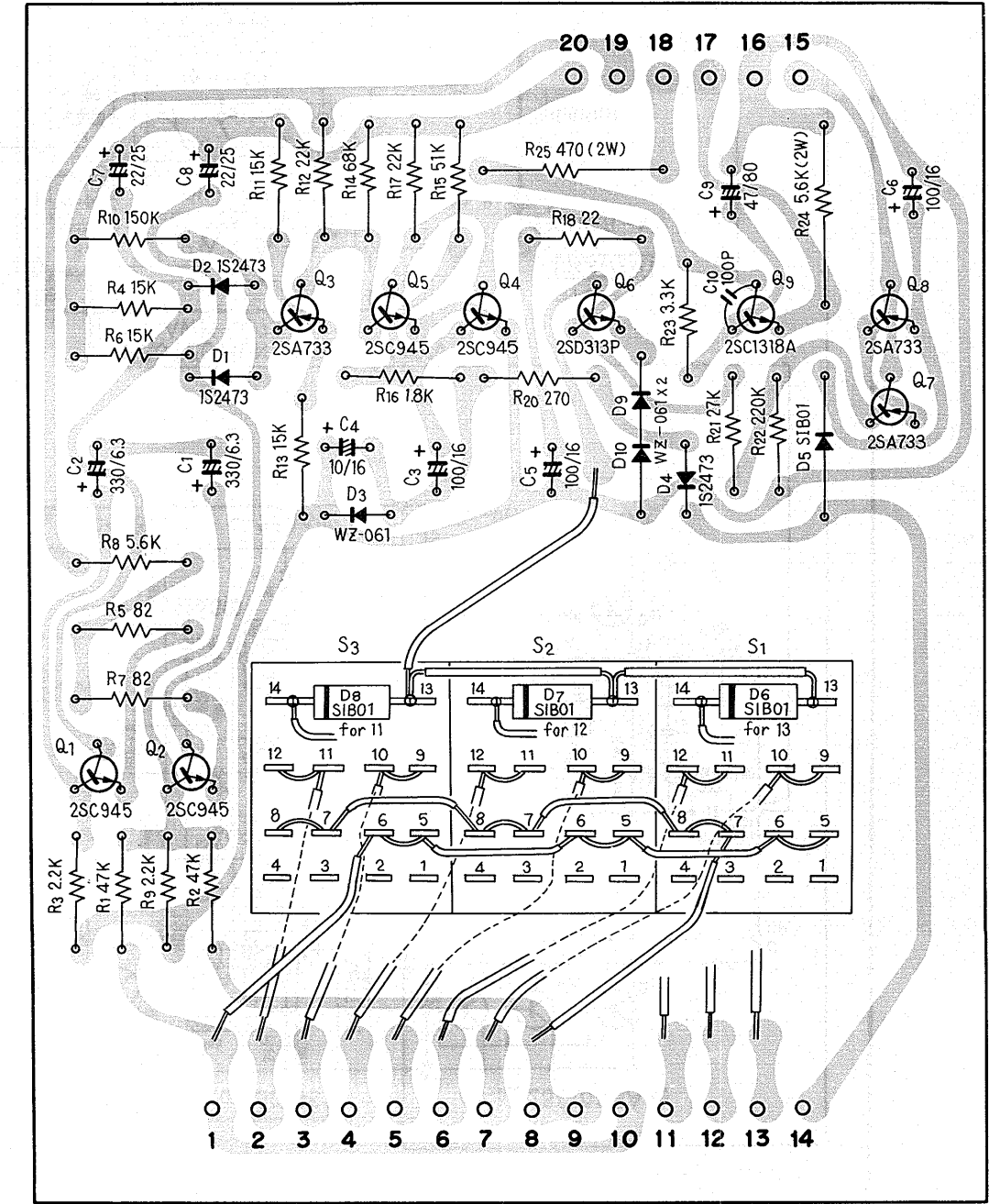
Meter amp ass'y AWM-059



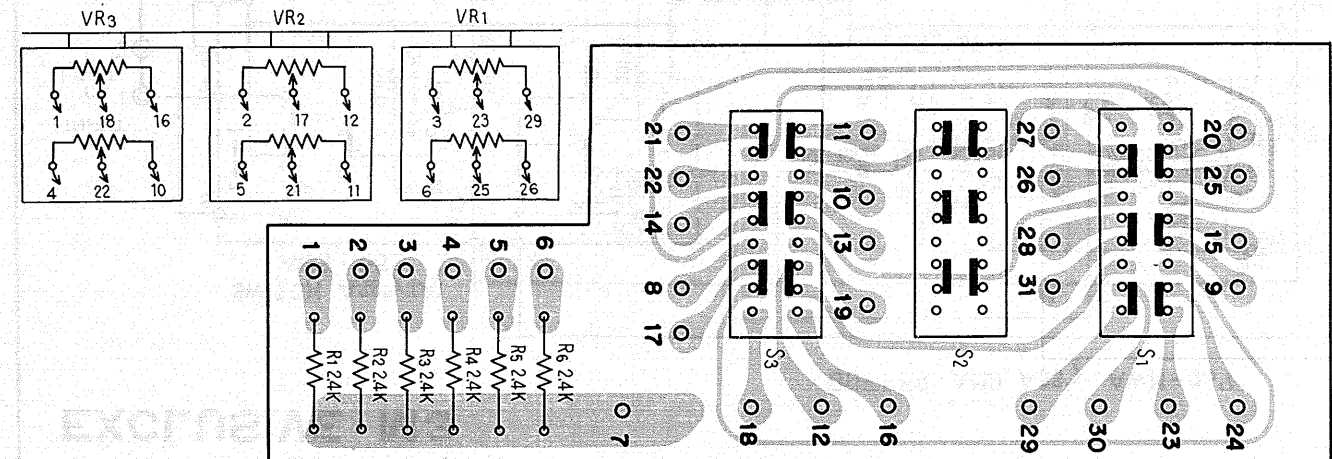
Buffer amp ass'y AWM-057



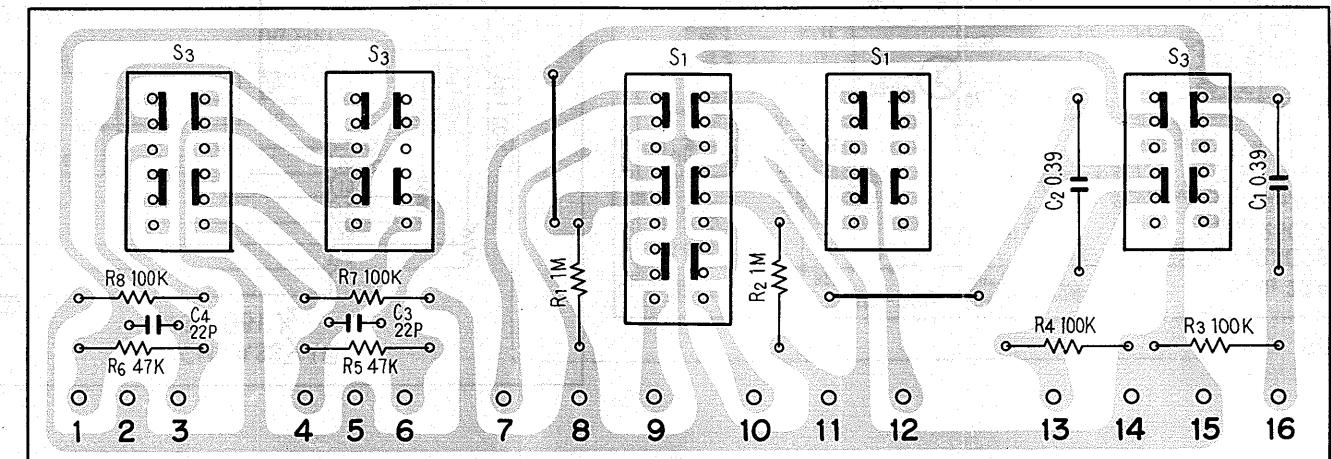
Protection circuit ass'y AWM-073



Switch ass'y B AWS-081



Switch ass'y A AWS-062



Stereo Power Amplifier

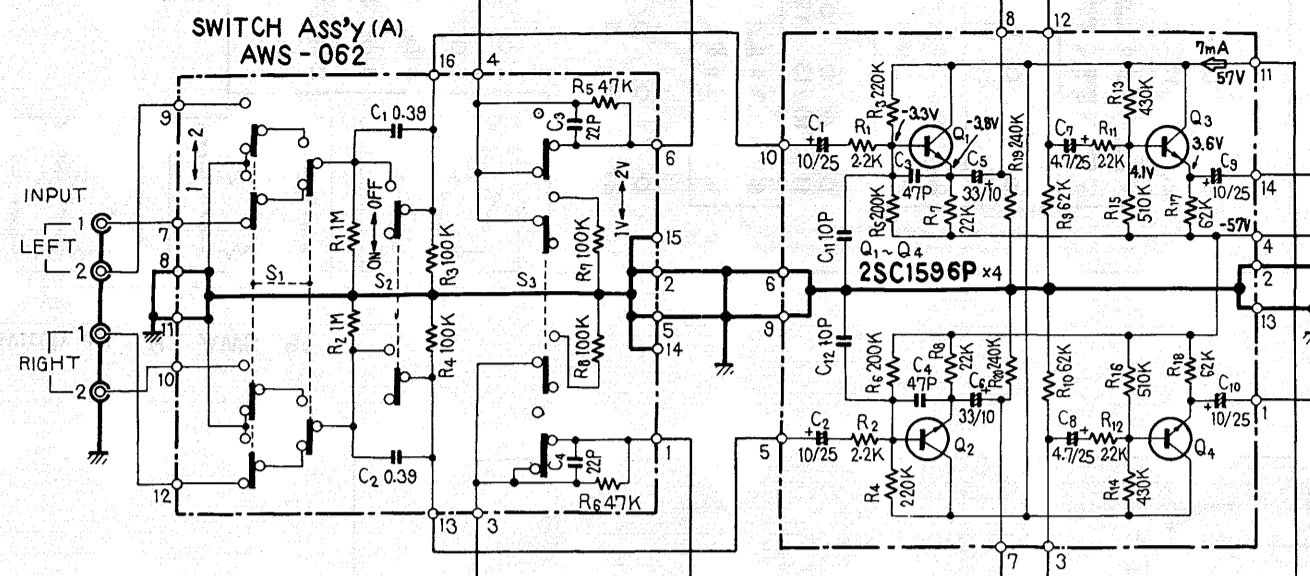
EXCLUSIVE



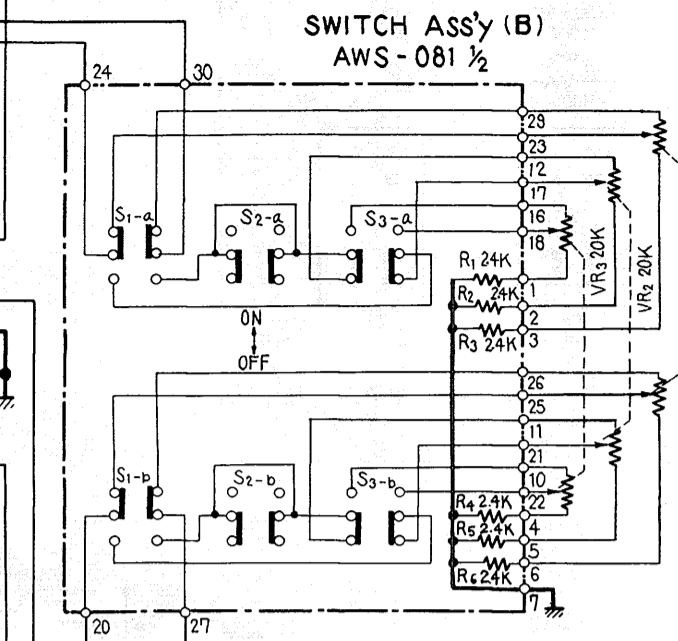
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EXCLUSIVE M3

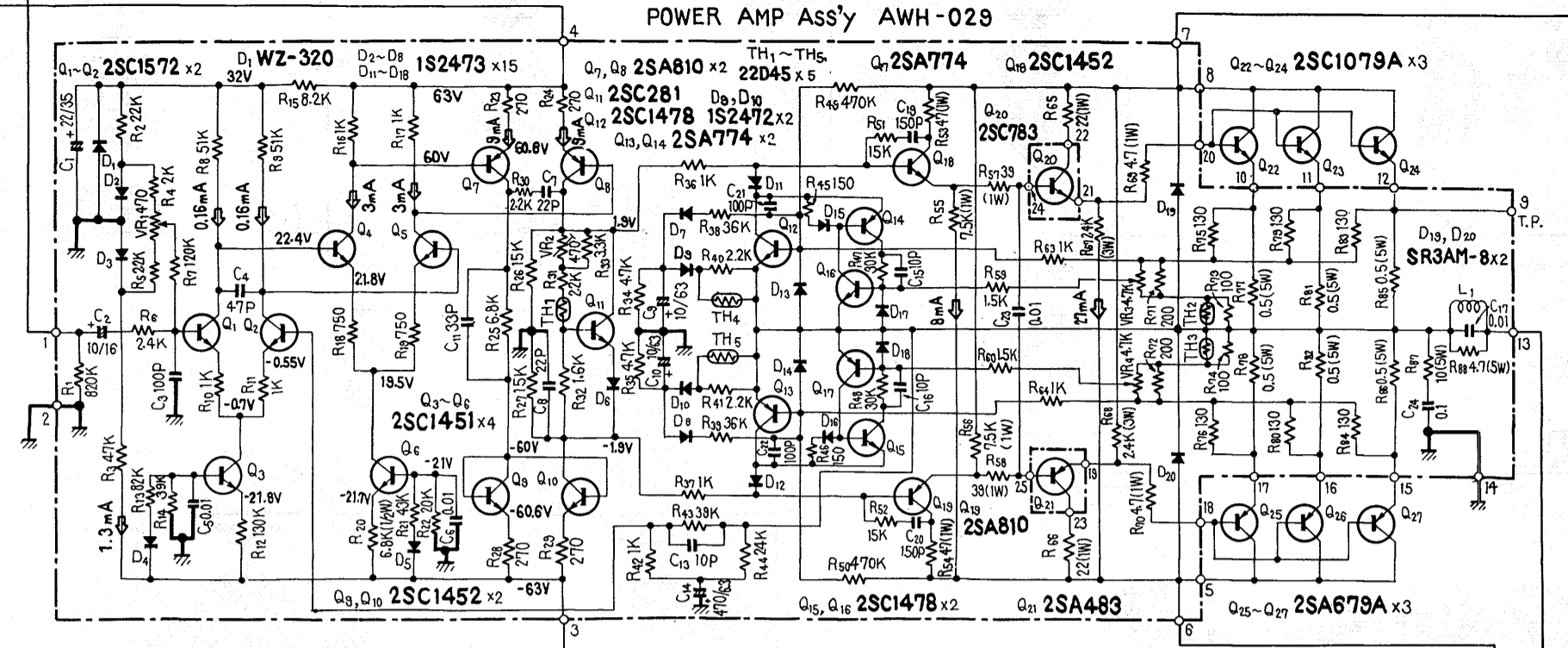
BUFFER AMP ASS'Y AWM-057



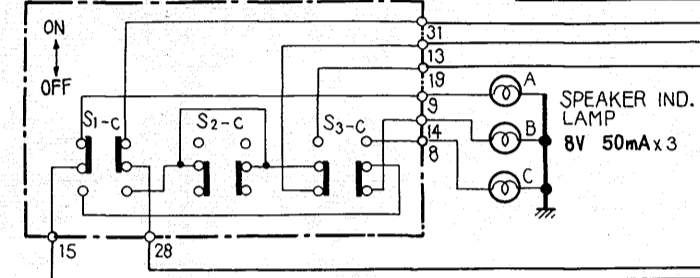
SWITCH ASS'Y (B) AWS-081 1/2



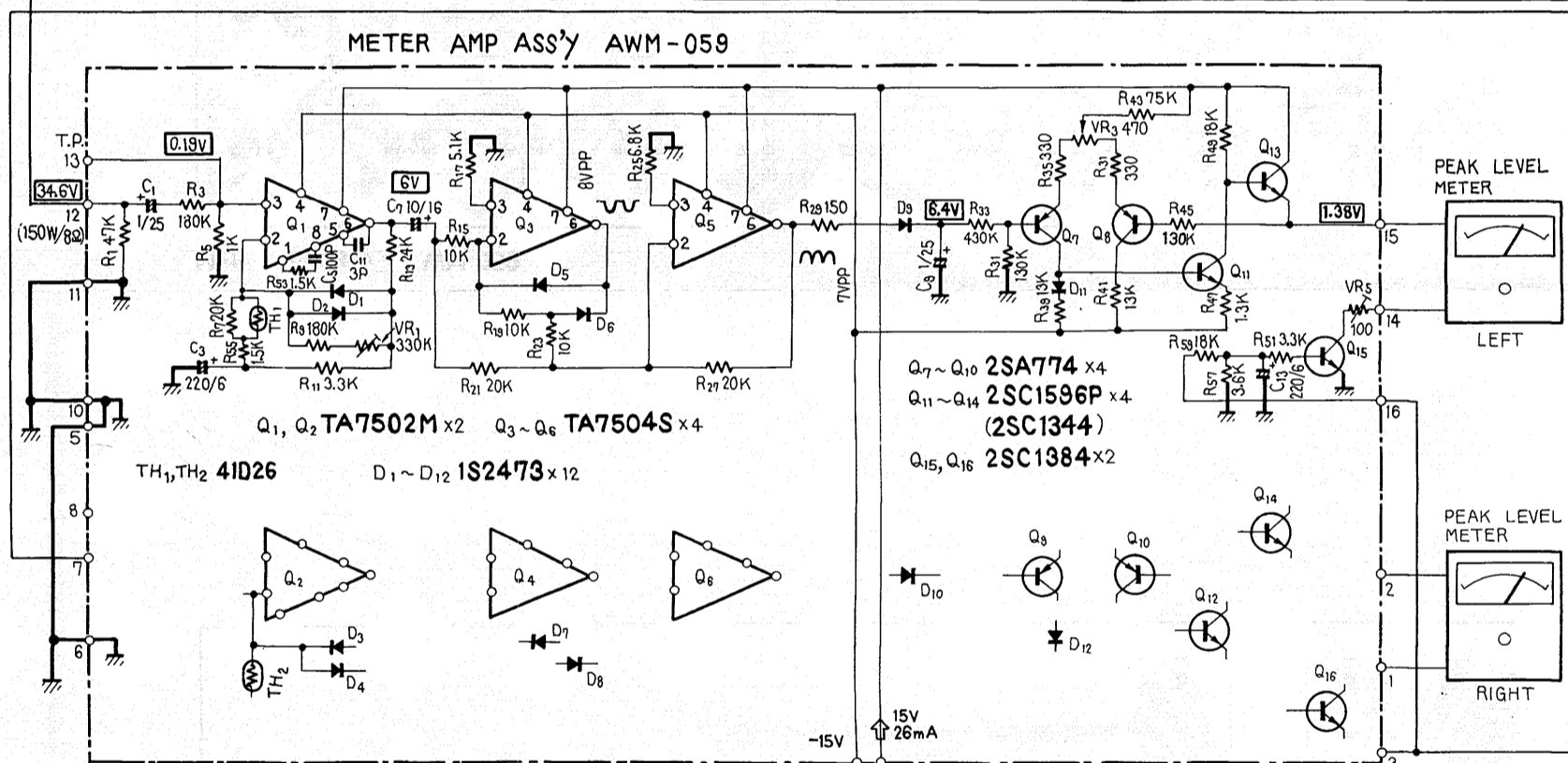
POWER AMP ASS'Y AWH-029



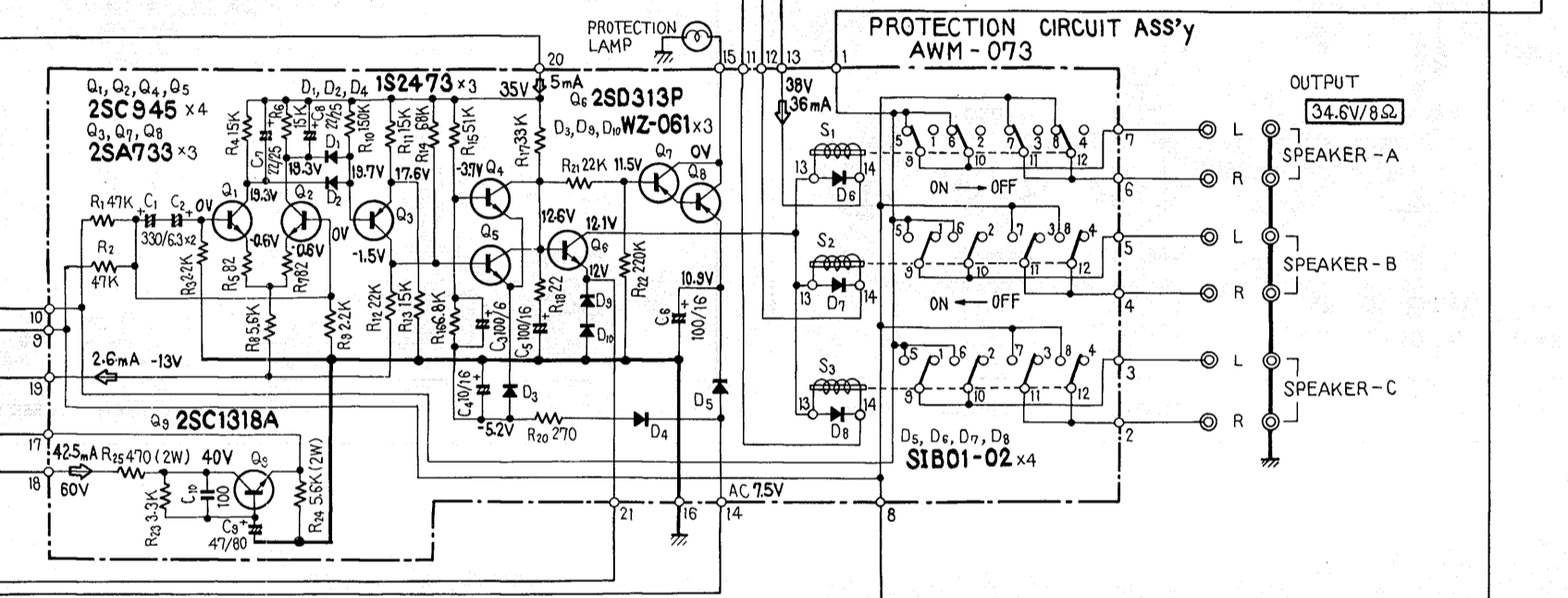
SWITCH ASS'Y (B) AWS-081 1/2



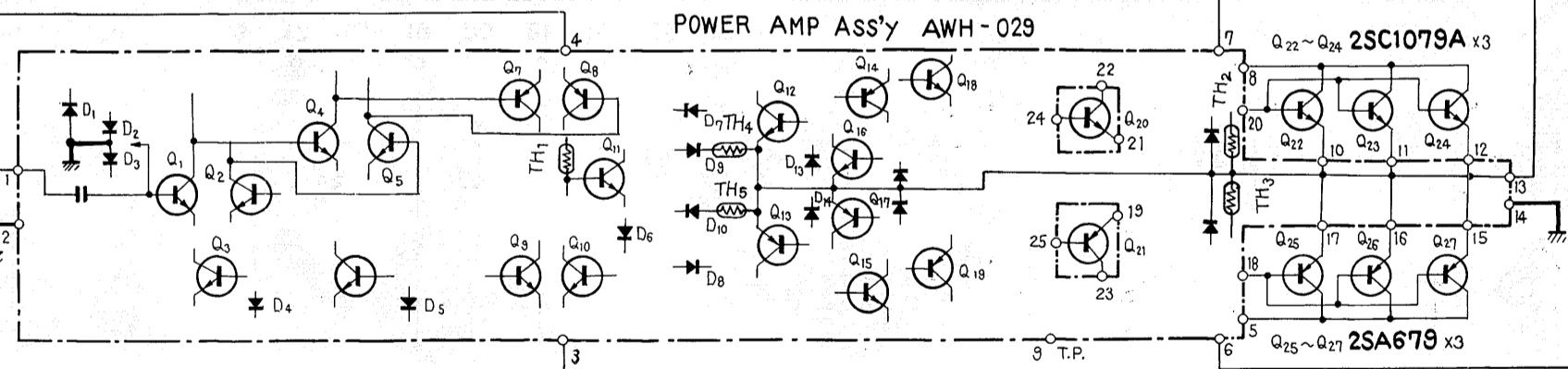
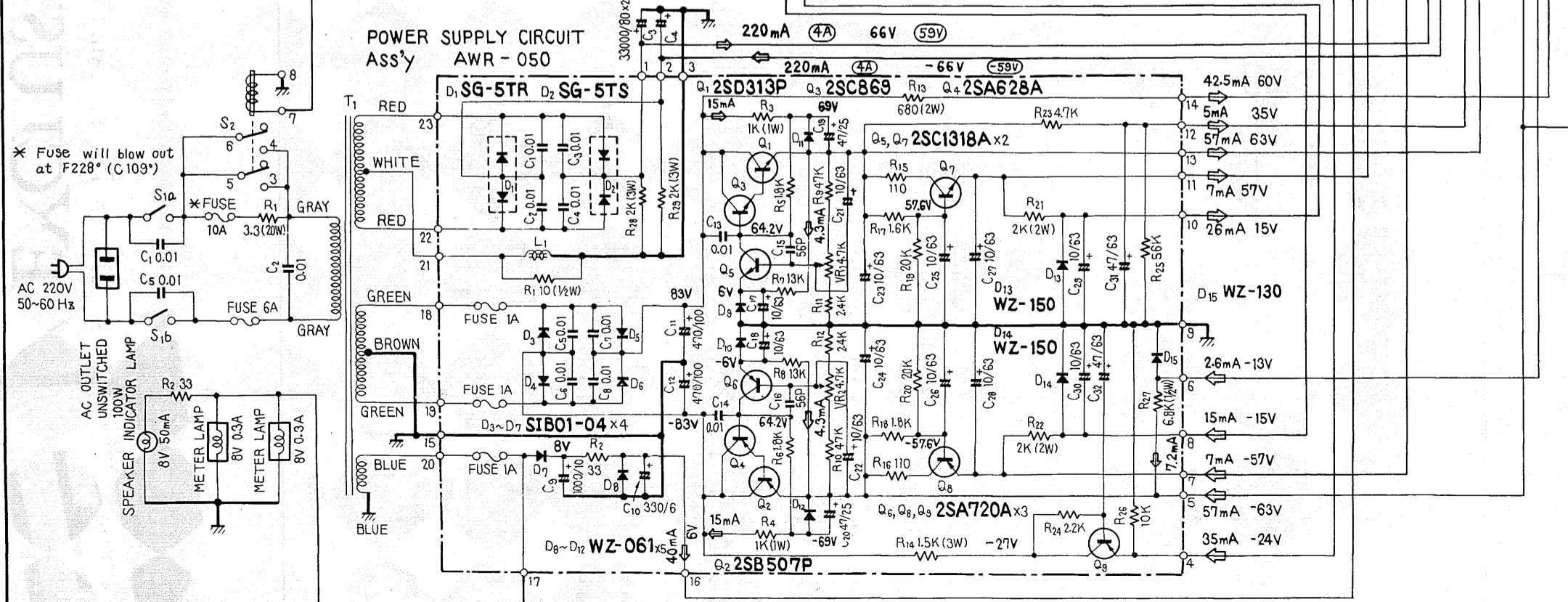
METER AMP ASS'Y AWM-059



PROTECTION CIRCUIT ASS'Y AWM-073



POWER SUPPLY CIRCUIT ASS'Y AWR-050



SWITCHES

- S₁: POWER ON \leftrightarrow OFF
- S₂: RELAY ON \leftrightarrow OFF

(SWITCH ASS'Y A)

- S₁: INPUT 1 \leftrightarrow 2
- S₂: SUBSONIC ON \leftrightarrow OFF
- S₃: INPUT LEVEL 1V \leftrightarrow 2V

(SWITCH ASS'Y B)

- S₁: SPEAKER A ON \leftrightarrow OFF
- S₂: SPEAKER B ON \leftrightarrow OFF
- S₃: SPEAKER C ON \leftrightarrow OFF

POTENTIOMETERS

- VR₁: SPEAKER LEVEL A
- VR₂: SPEAKER LEVEL B
- VR₃: SPEAKER LEVEL C

NOTES

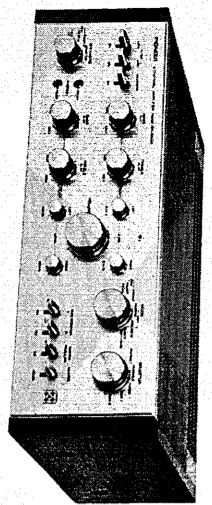
- \square V : SIGNAL VOLTAGE NECESSARY FOR OBTAINING 150W/8 Ω OUTPUT POWER (1KHz).
- V : DC VOLTAGE AT NO INPUT SIGNAL.
- \leftarrow A : DC CURRENT AT NO INPUT SIGNAL.
- \square V : DC VOLTAGE AT 150W/8 Ω OUTPUT POWER.
- \square A : DC CURRENT AT 150W/8 Ω OUTPUT POWER.

RESISTORS

IN OHM, 1/4W, $\pm 5\%$ TOLERANCE UNLESS OTHERWISE NOTED.
K : K Ω M : M Ω

CAPACITORS

IN μ F UNLESS OTHERWISE NOTED.
P : pF



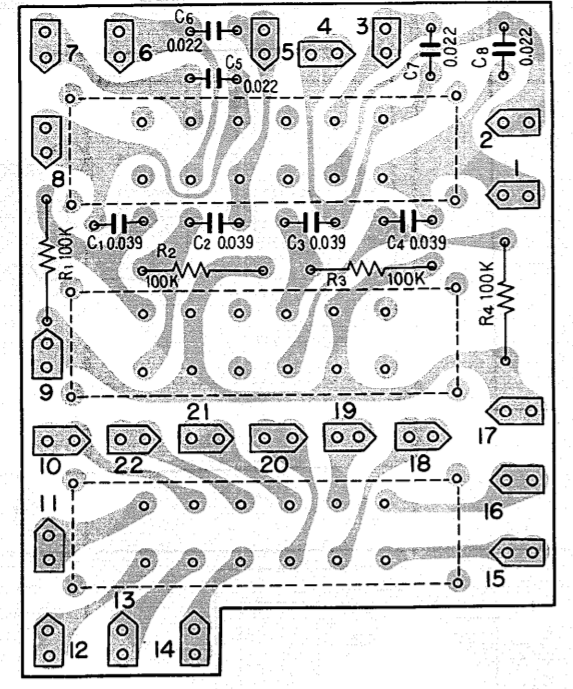
QUADRAPHONIC AMPLIFIER

QA-800A

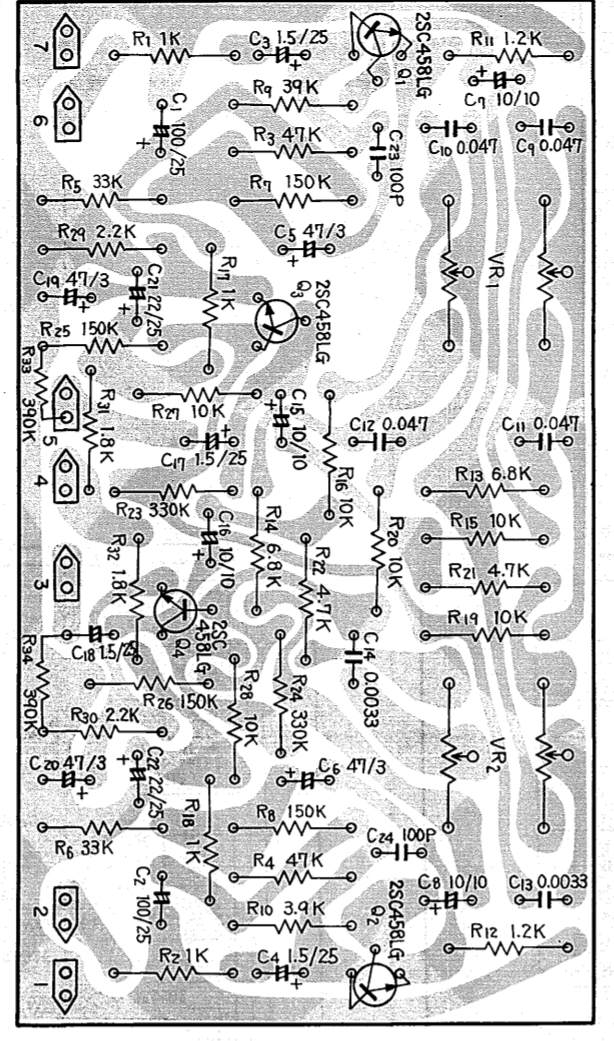
FWW KLM



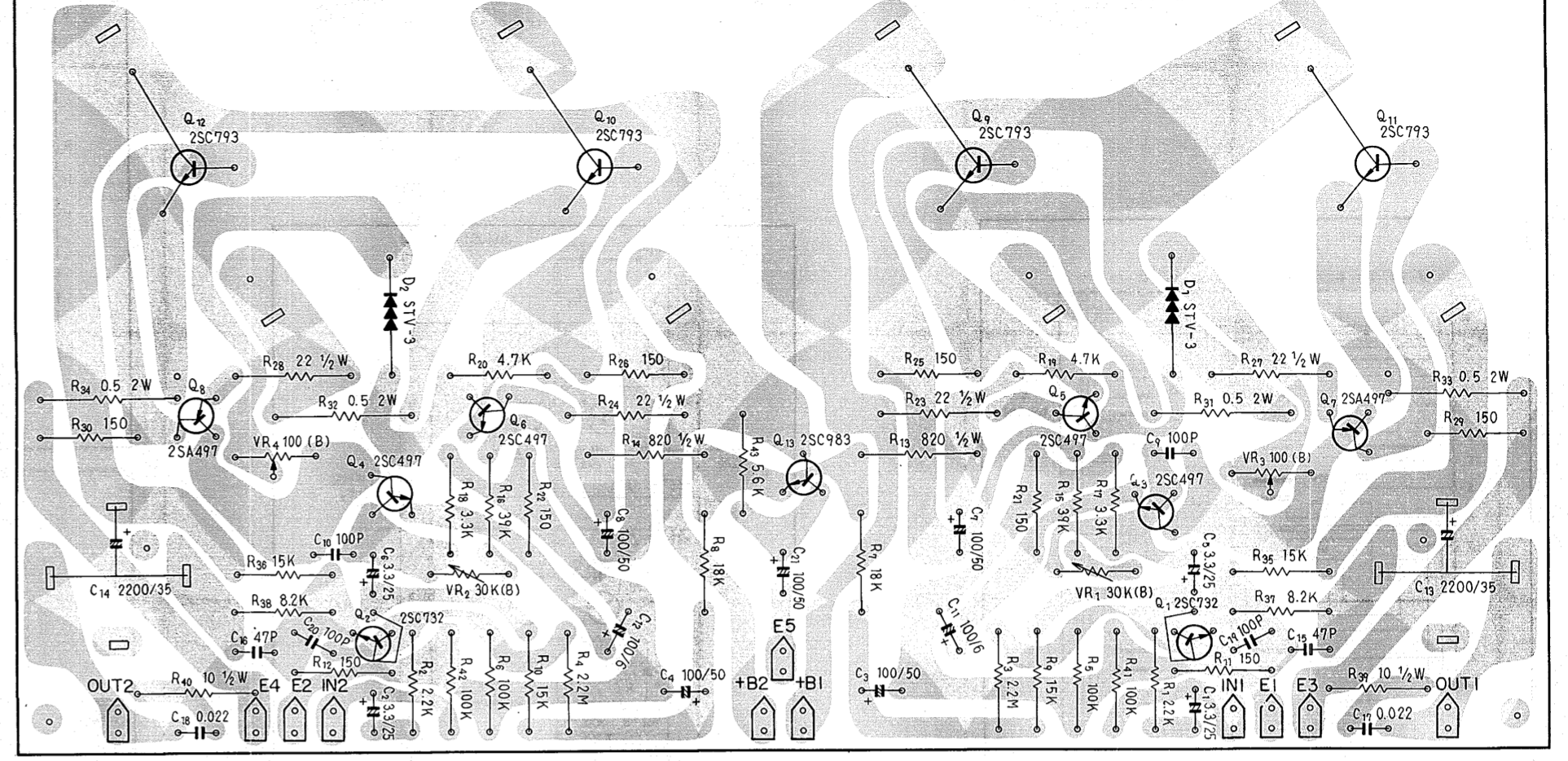
Switch ass'y AWS-003



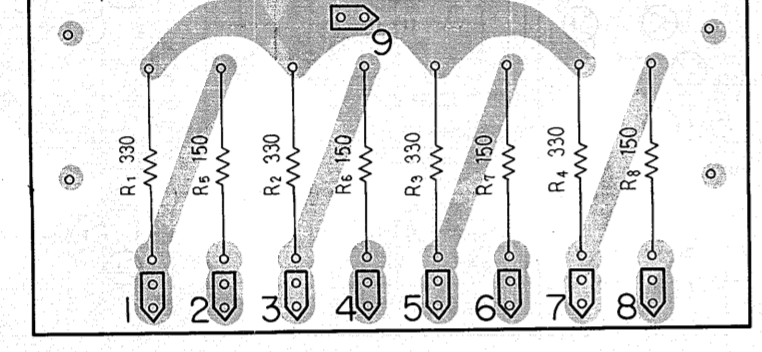
Control amp ass'y AWG-001



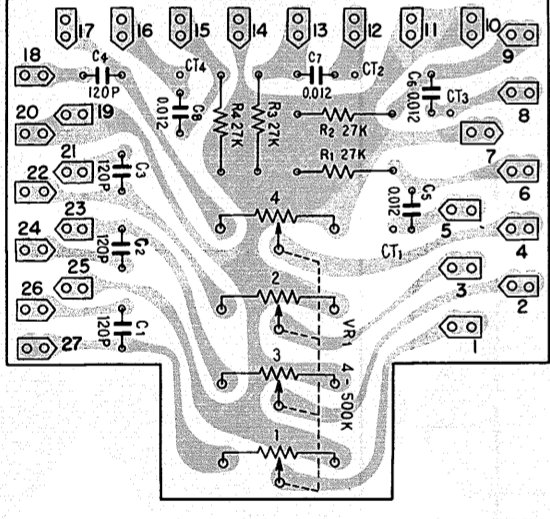
Main amp ass'y AWH-002



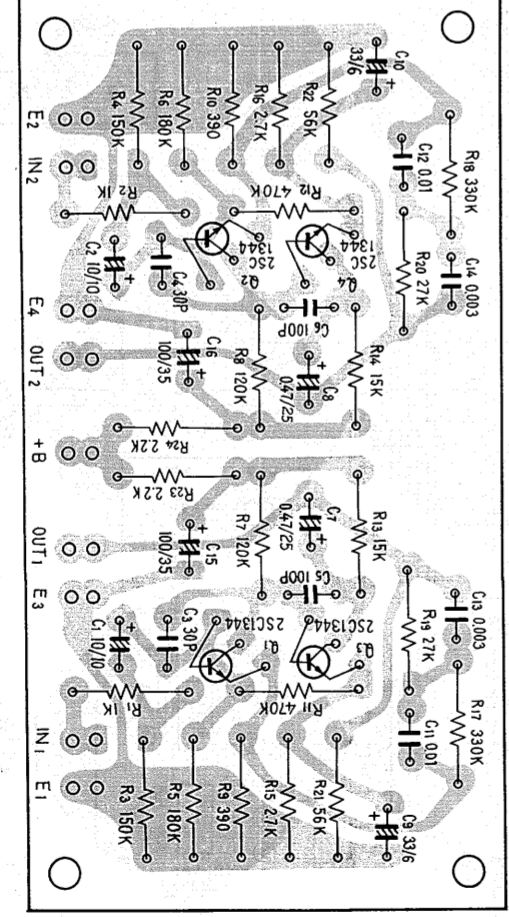
R ass'y AWX-005



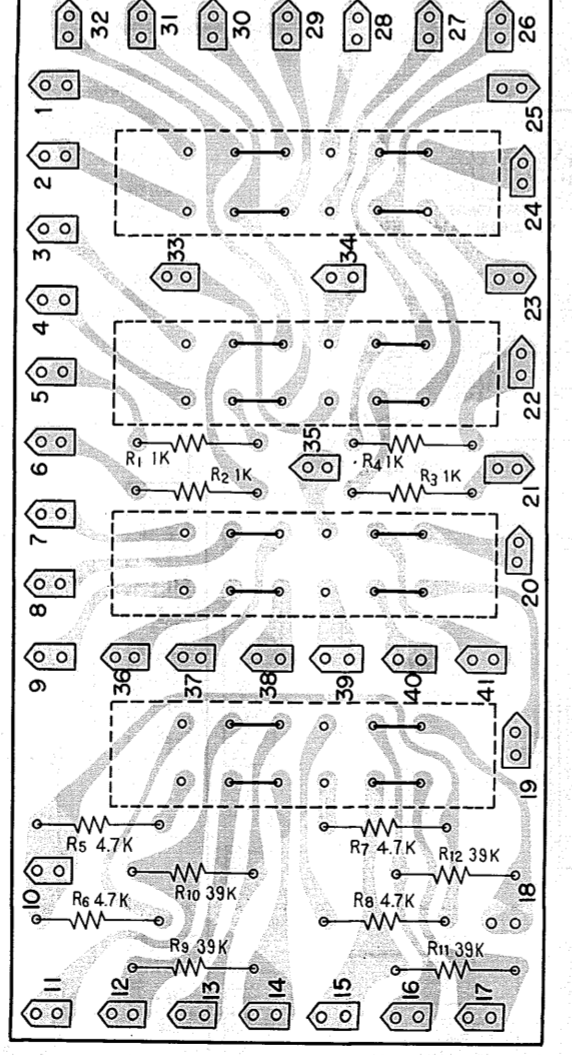
Volume ass'y AWX-001



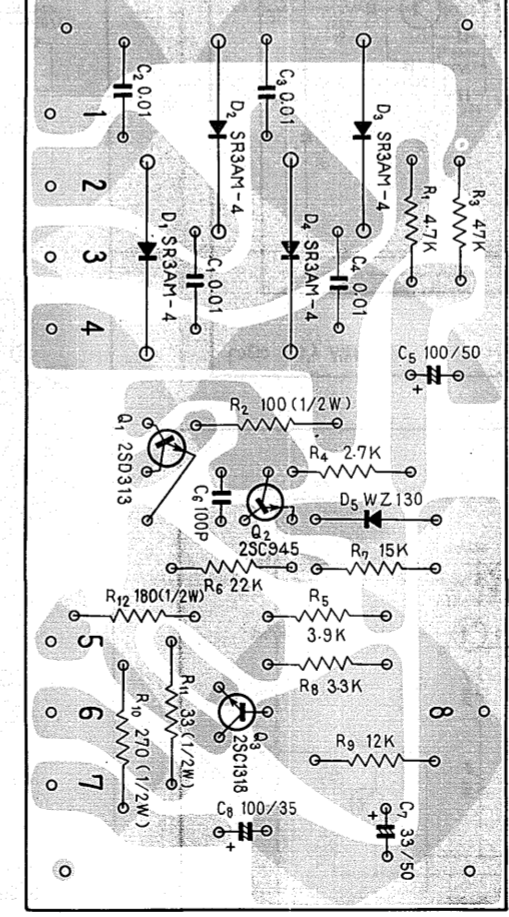
Head amp ass'y W15-032



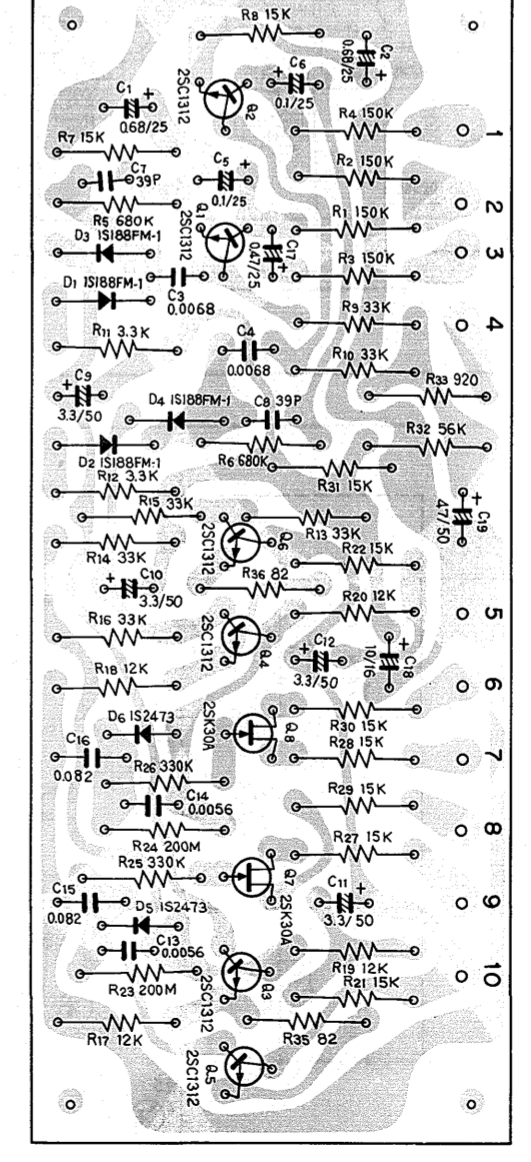
Switch ass'y AWS-002



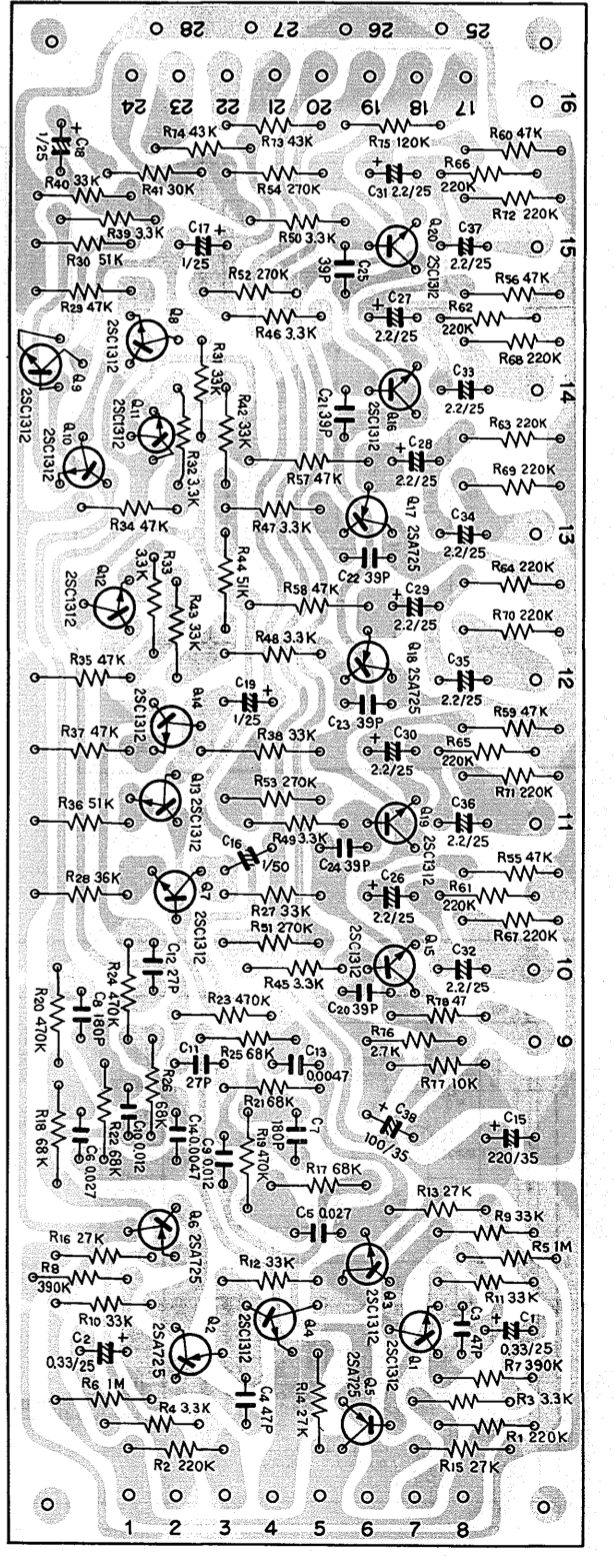
Power supply ass'y AWR-018



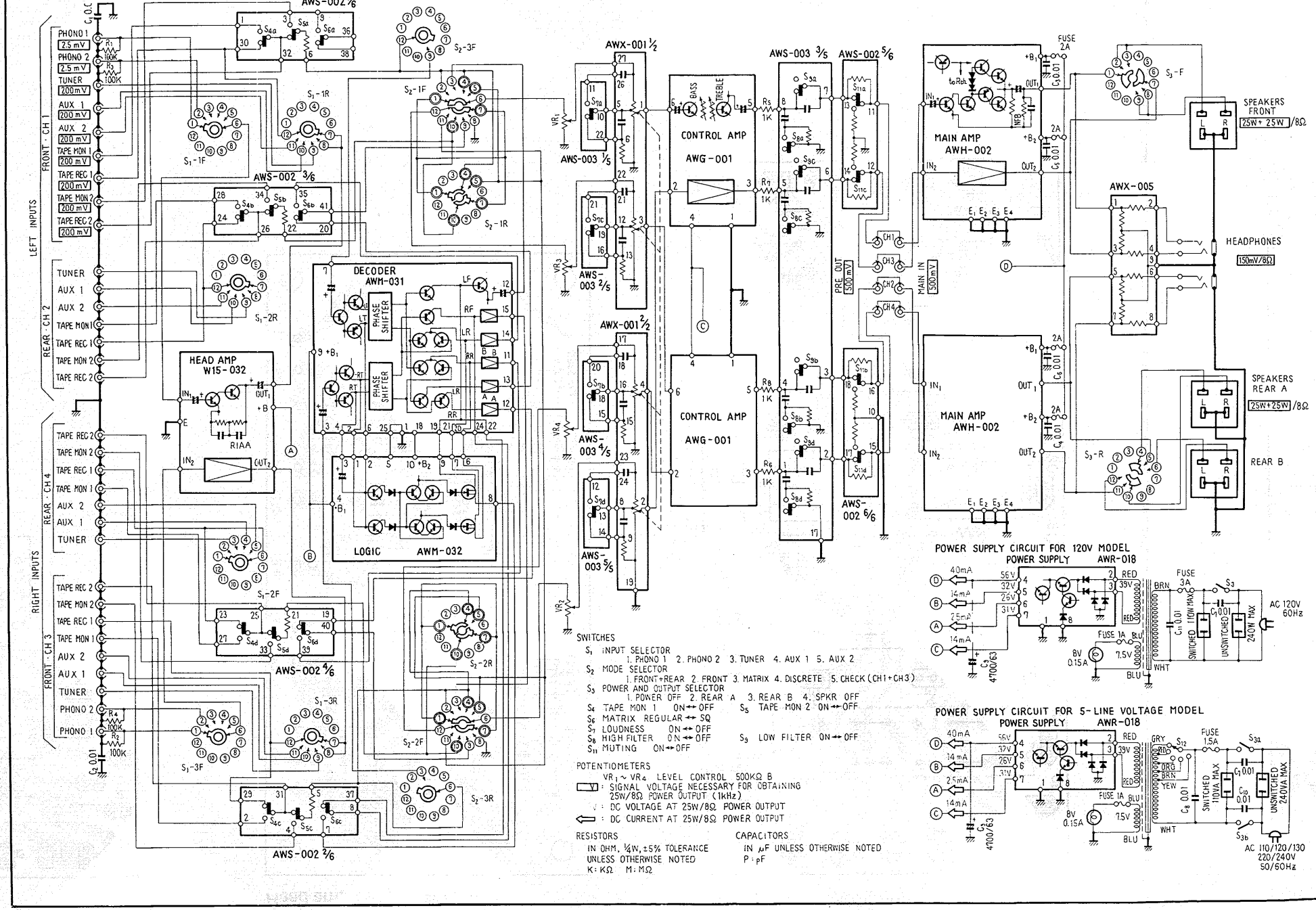
Logic ass'y AWM-032



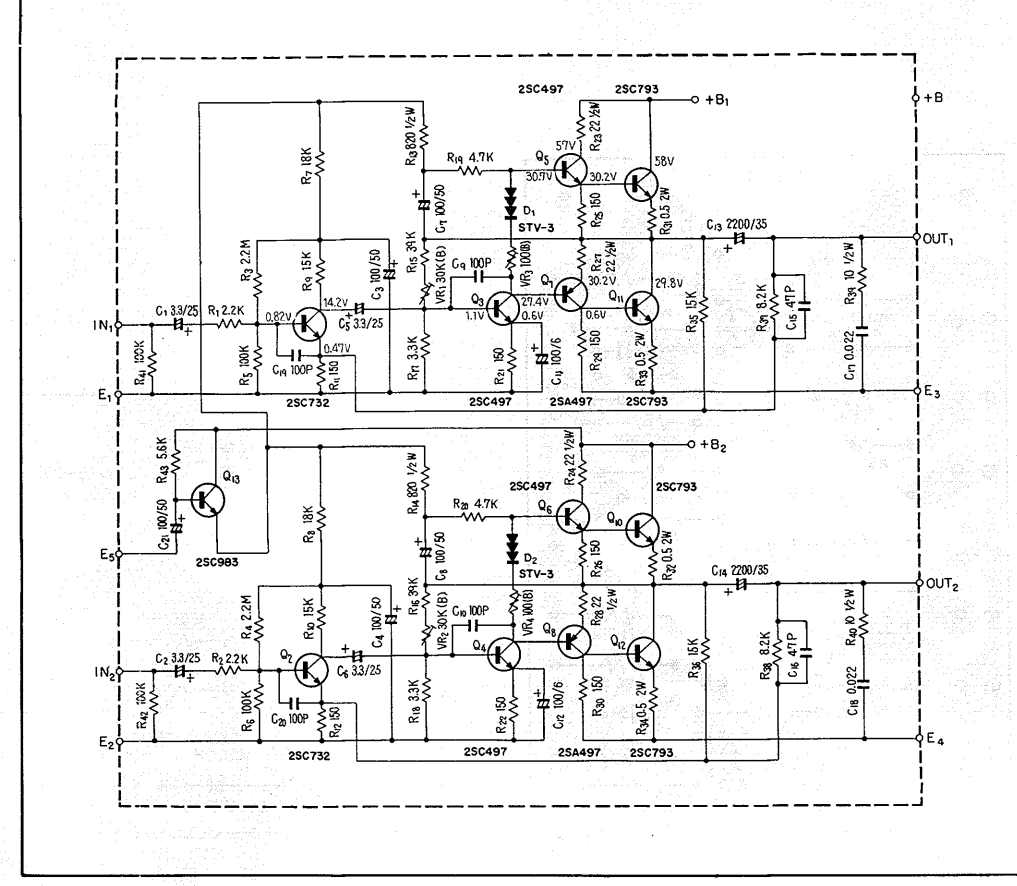
Decoder ass'y AWM-031



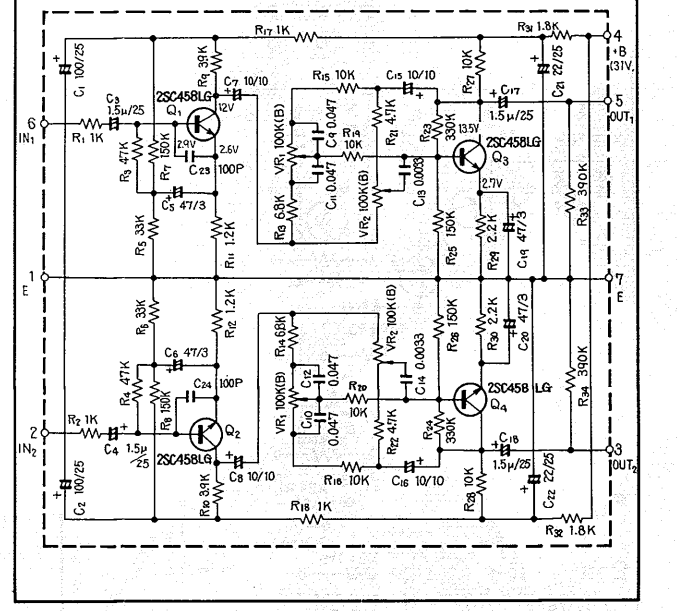
QA-800A



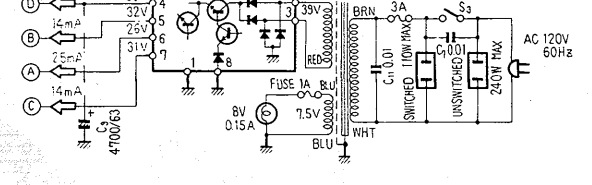
Main amp ass'y AWH-002



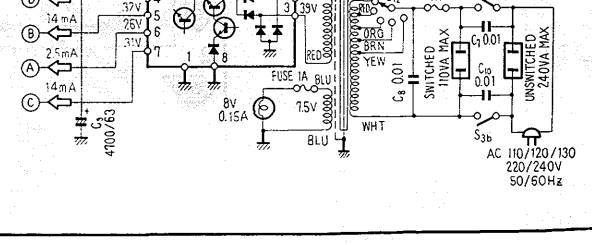
Control amp ass'y AWG-001



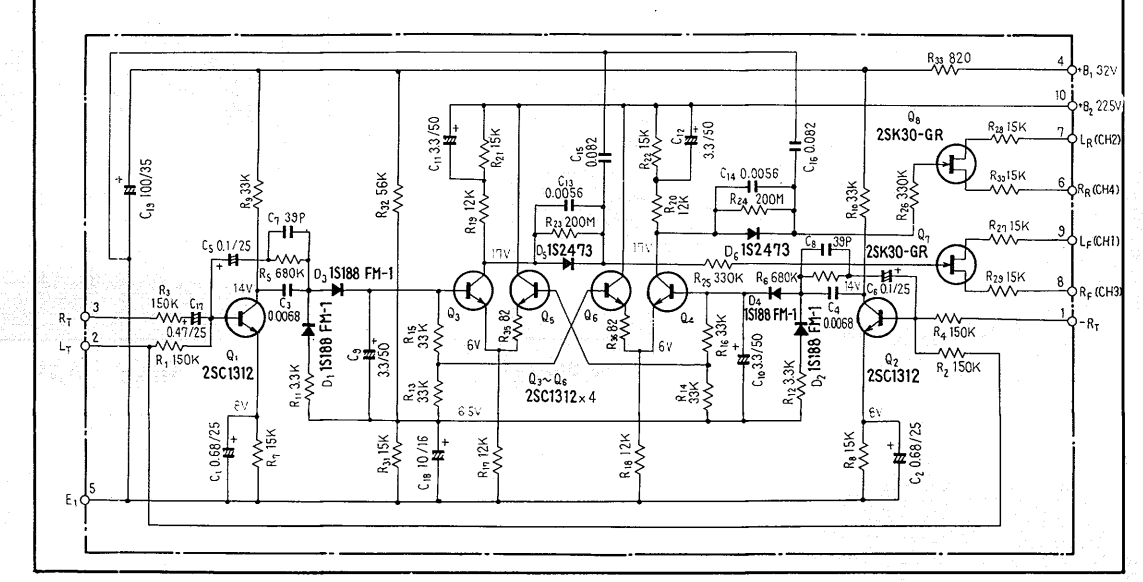
POWER SUPPLY CIRCUIT FOR 120V MODEL AWR-018



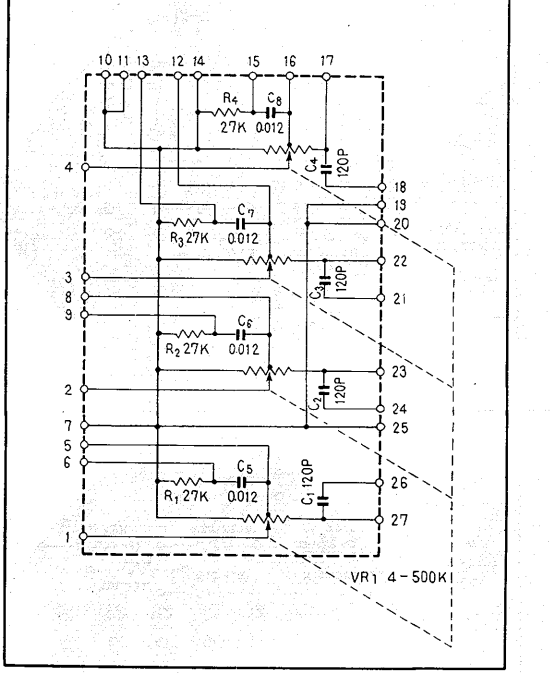
POWER SUPPLY CIRCUIT FOR 5-LINE VOLTAGE MODEL AWR-018



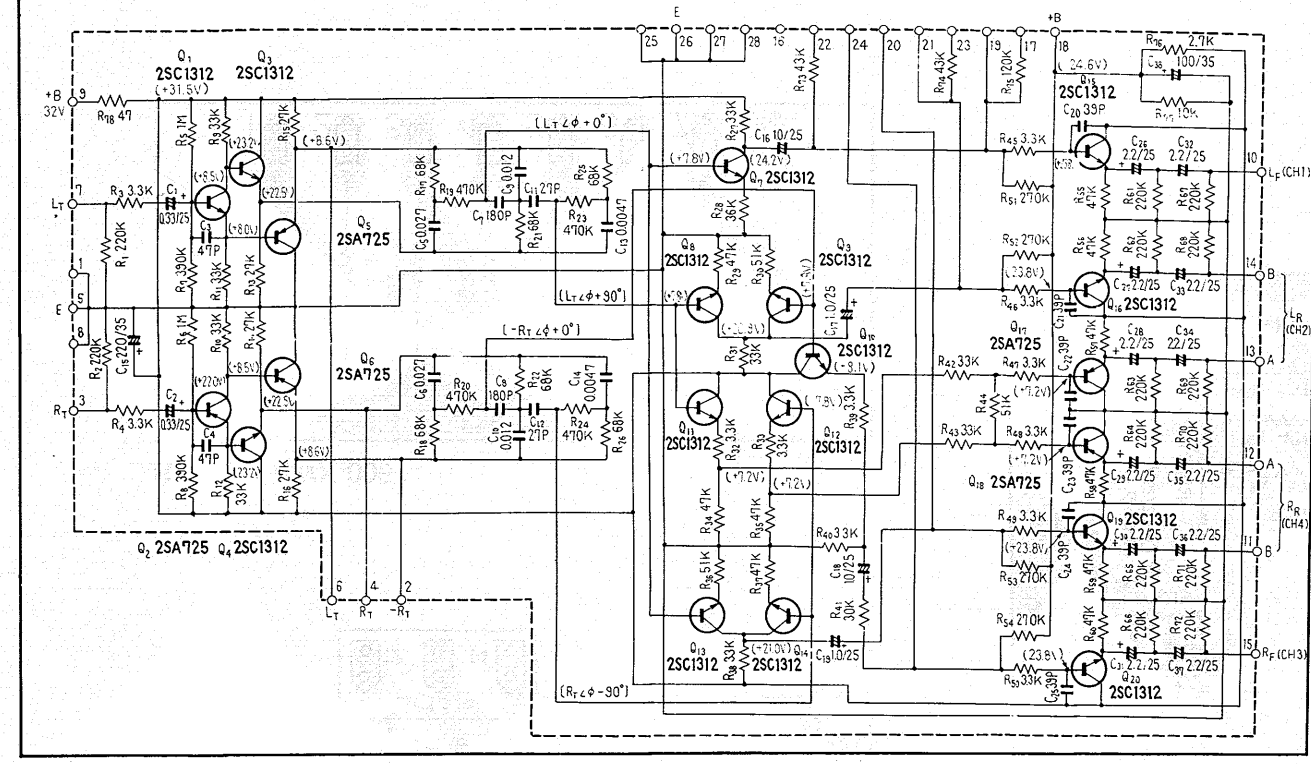
Logic ass'y AWM-032



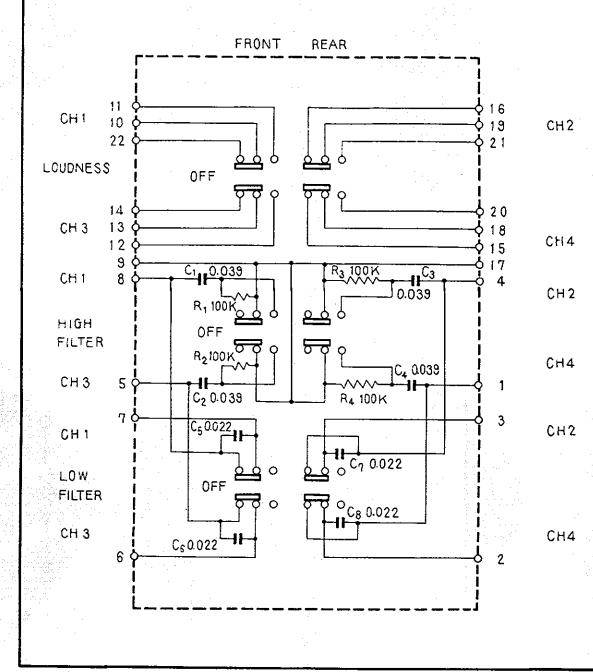
Volume ass'y AWW-001



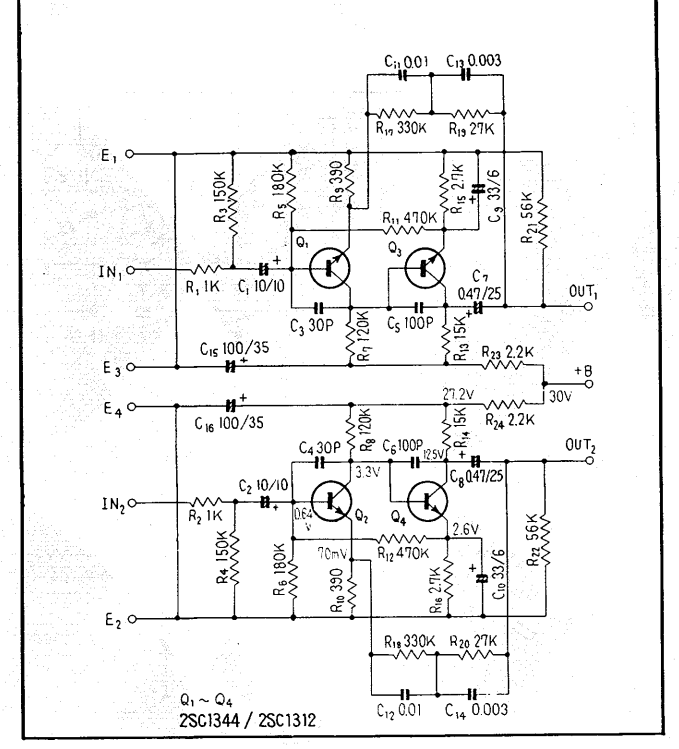
Decoder ass'y AWM-031



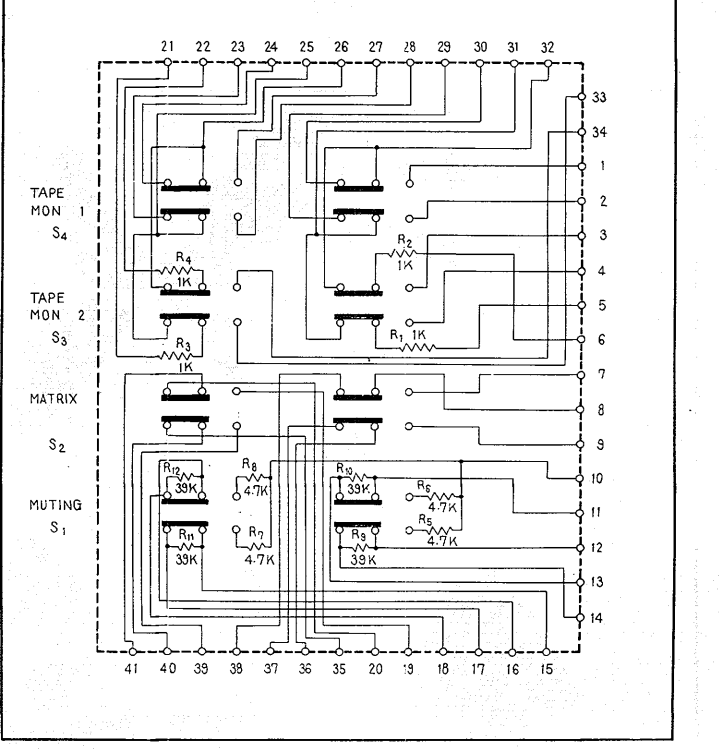
Switch ass'y AWS-003



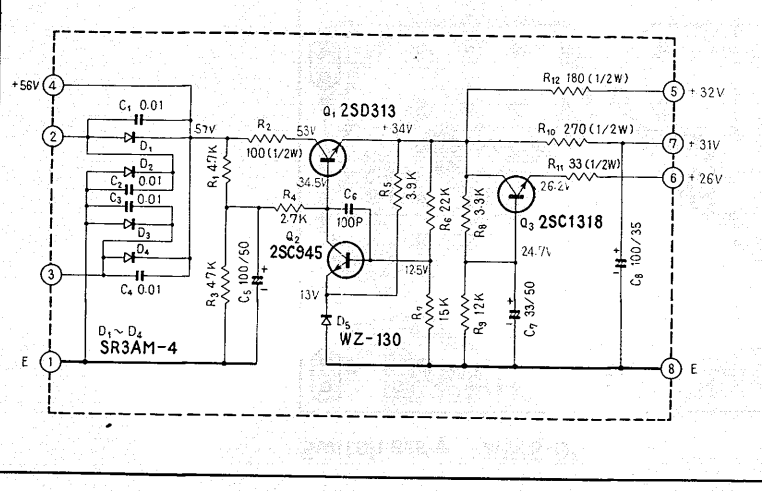
Head amp ass'y W15032



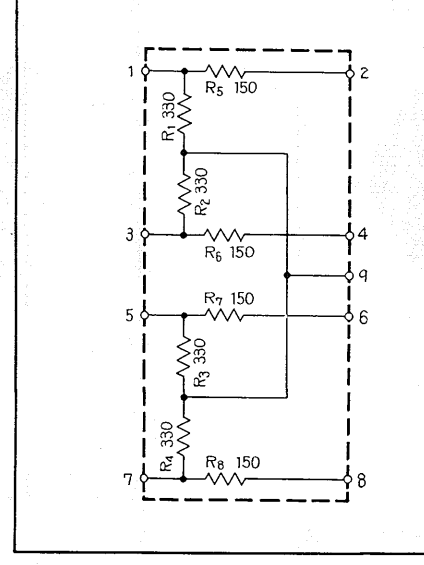
Switch ass'y AWS-002

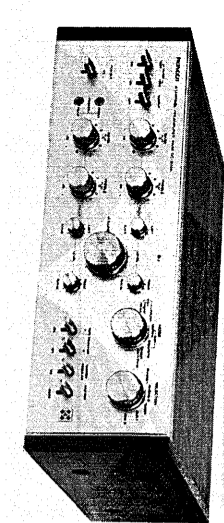


Power supply ass'y AWR-018



R ass'y AWW-005





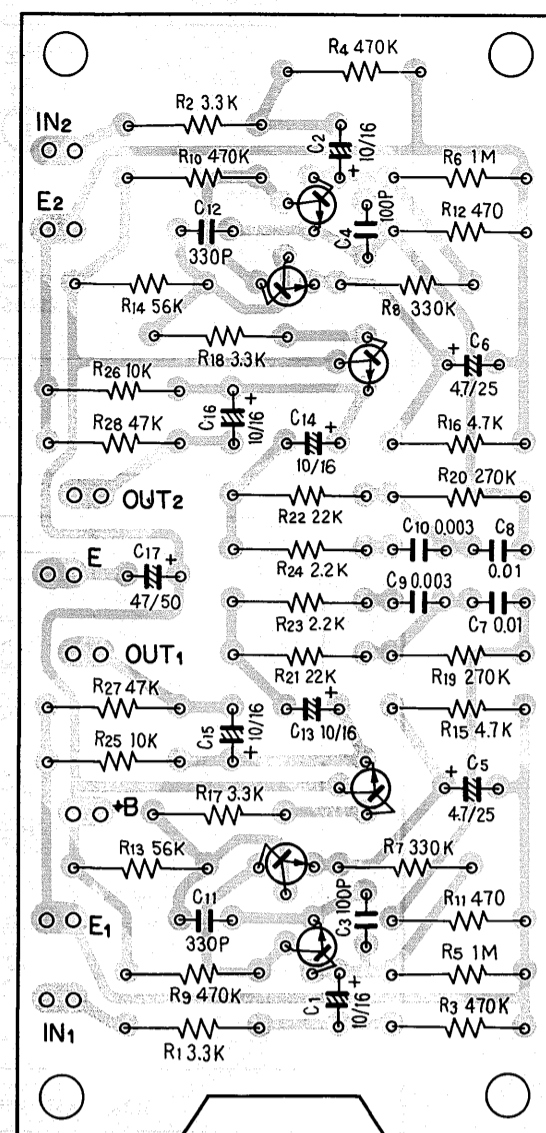
QUAD-800A

QUADRAPHONIC PREAMPLIFIER

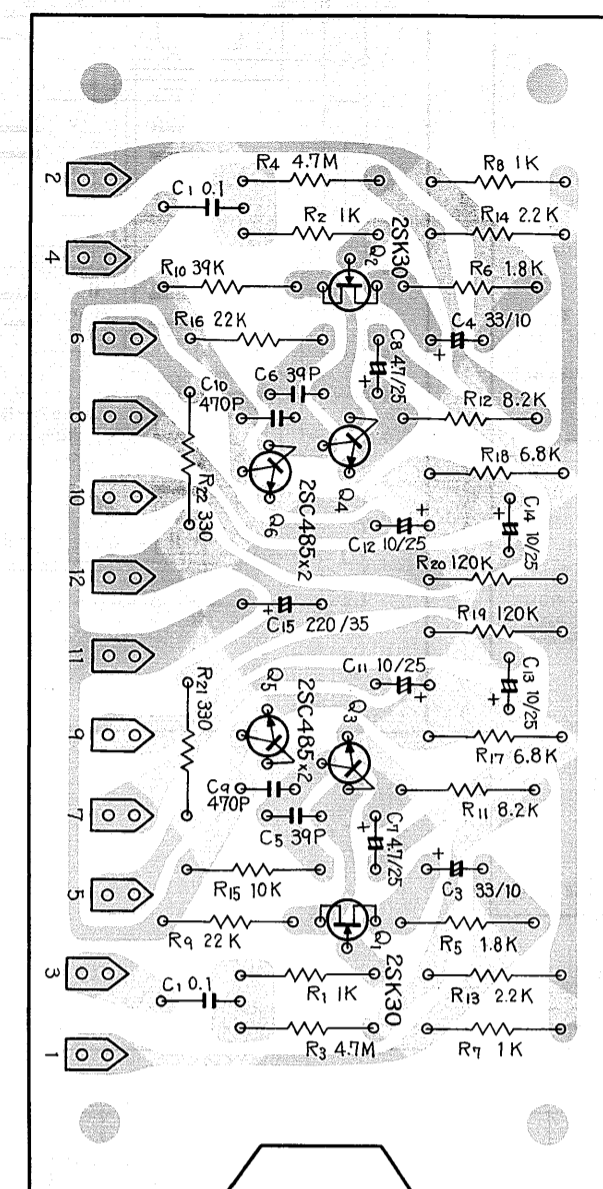
FWW



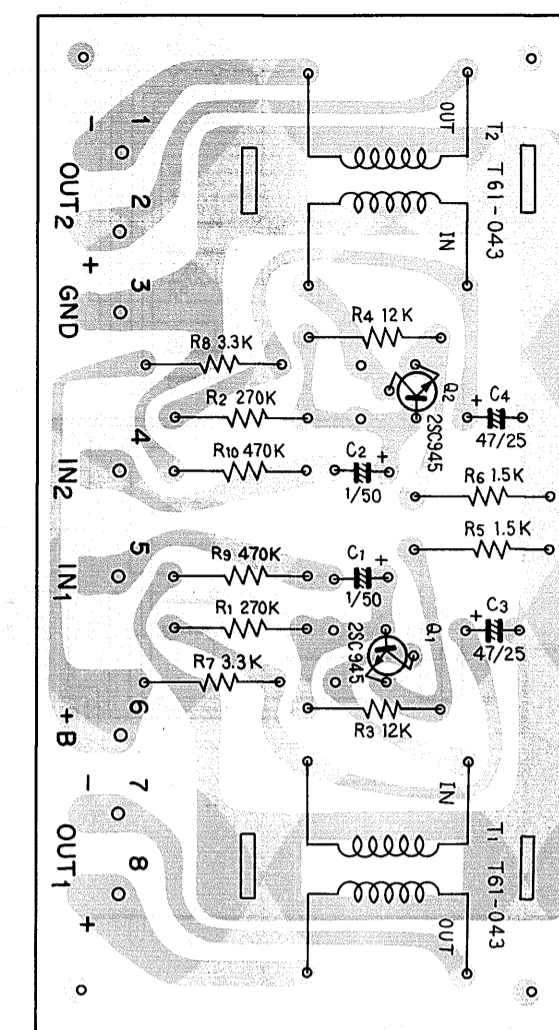
Head amp ass'y AWF-002



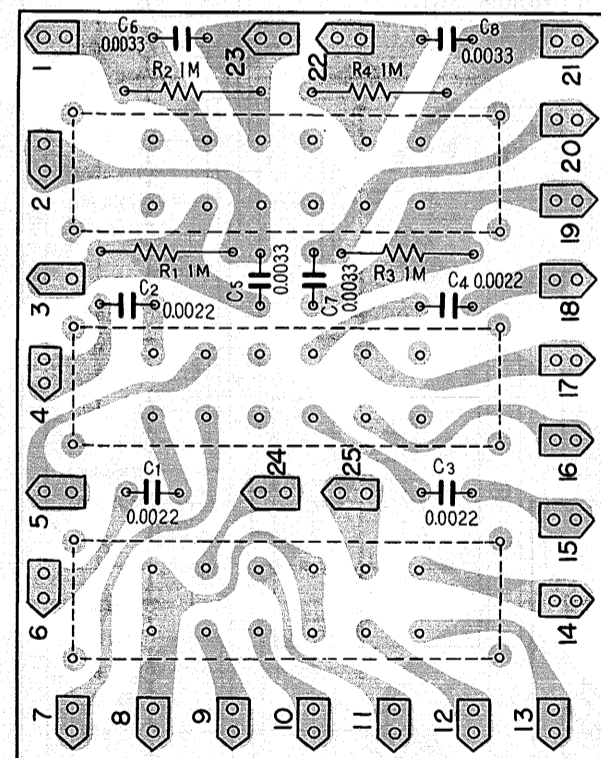
Control amp ass'y AWG-002



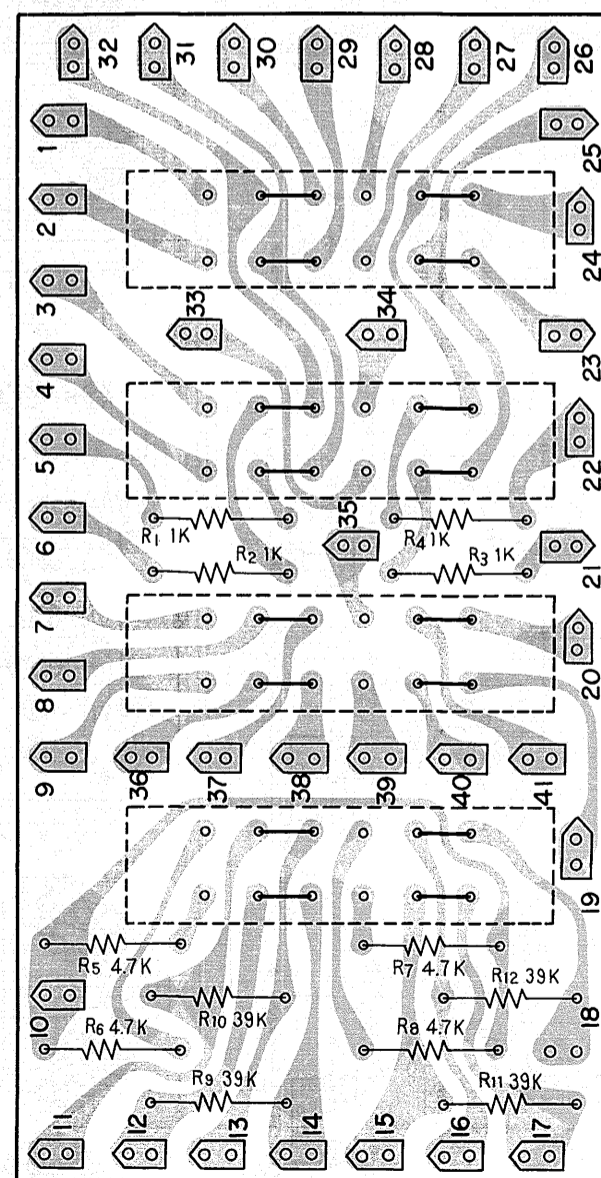
Headphone amp ass'y AWK-016



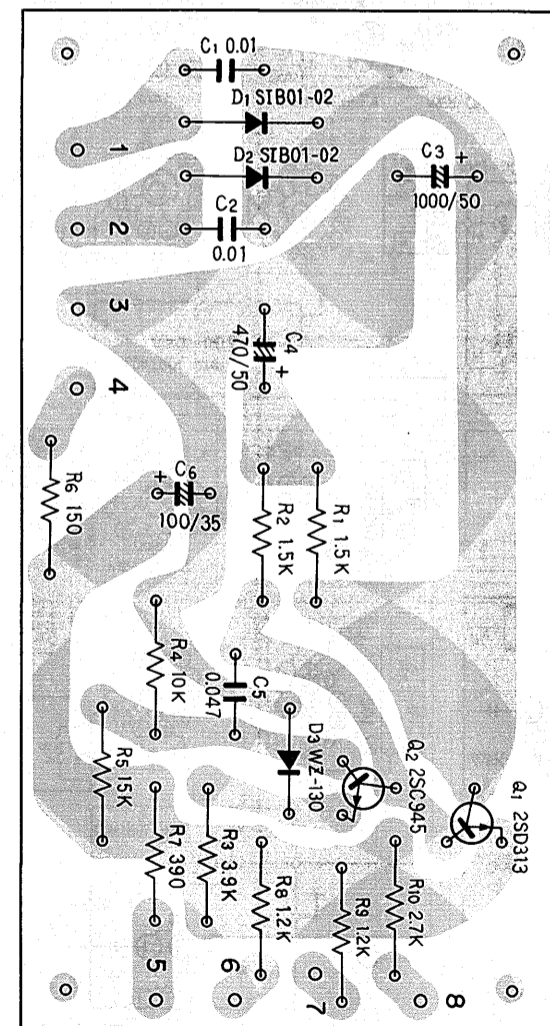
Switch ass'y AWS-001



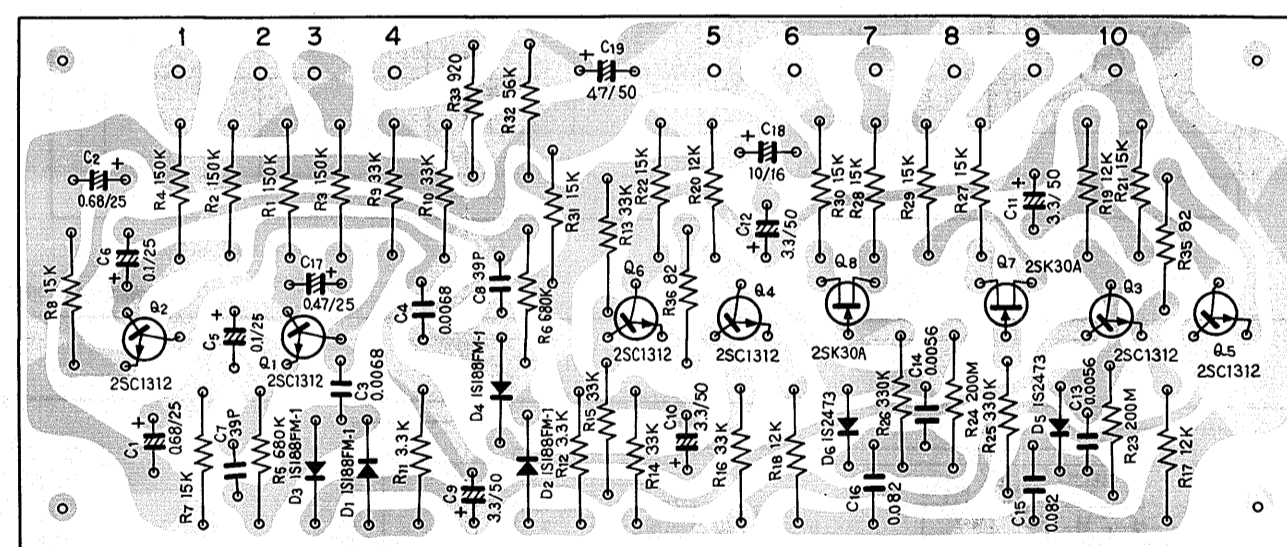
Switch ass'y AWS-002



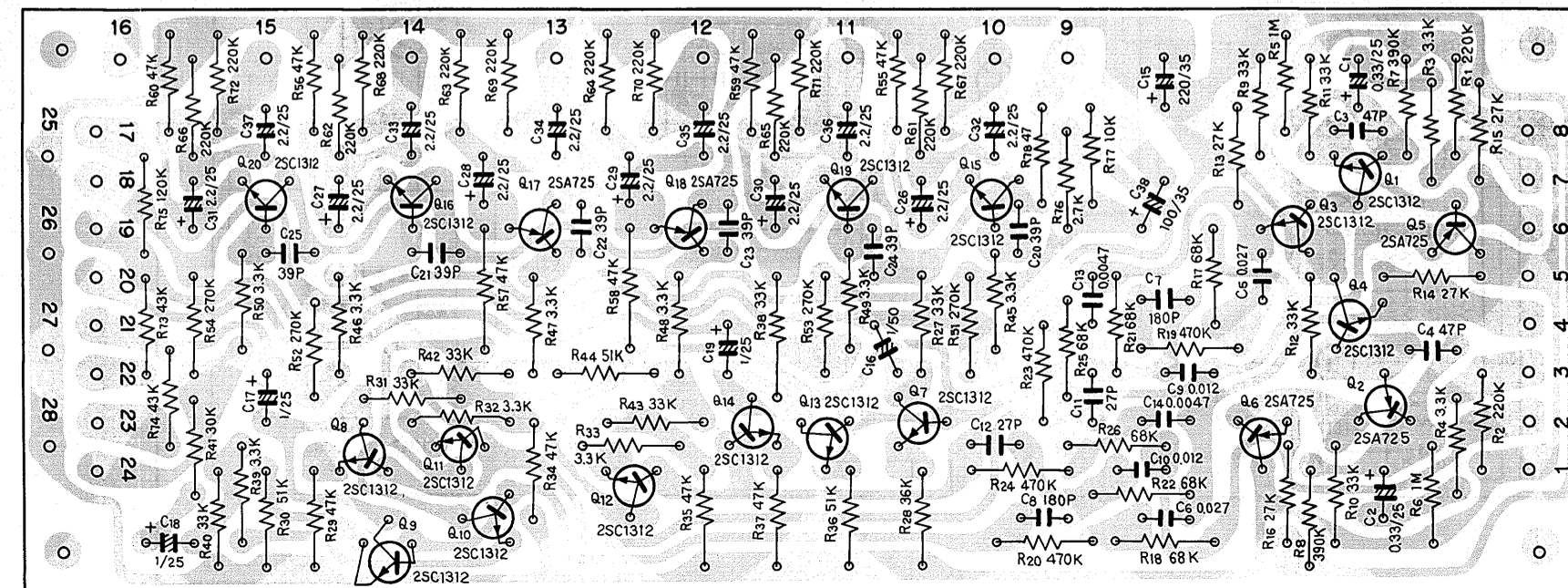
Power supply ass'y AWR-019



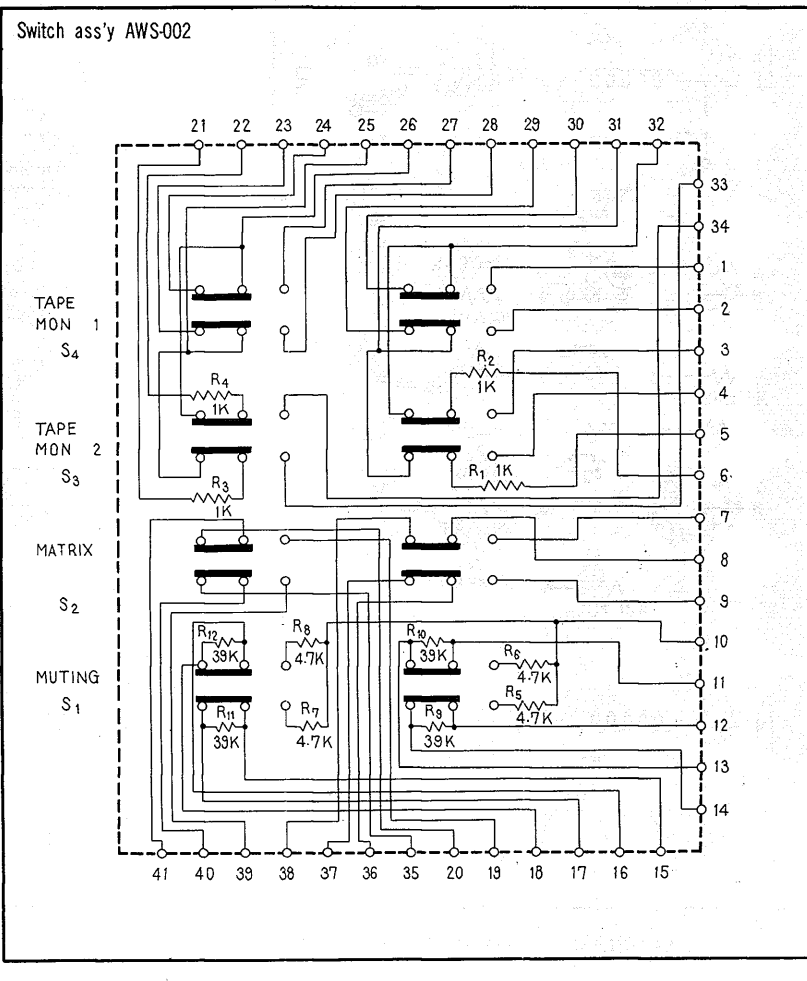
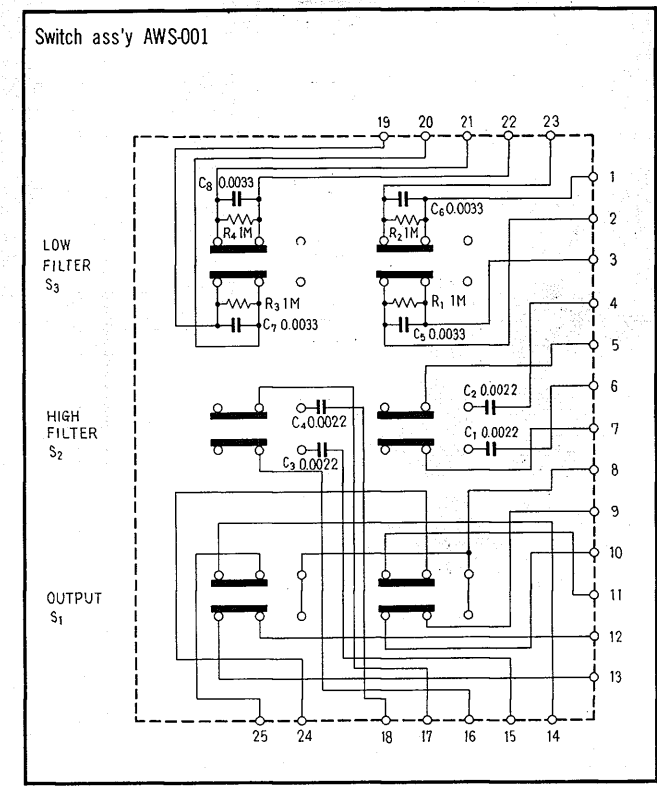
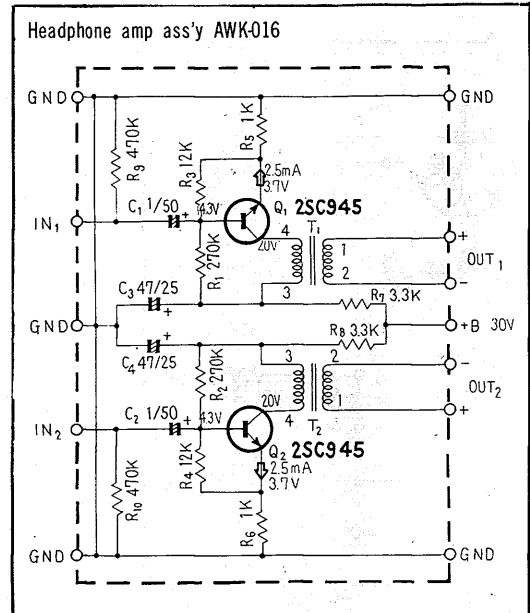
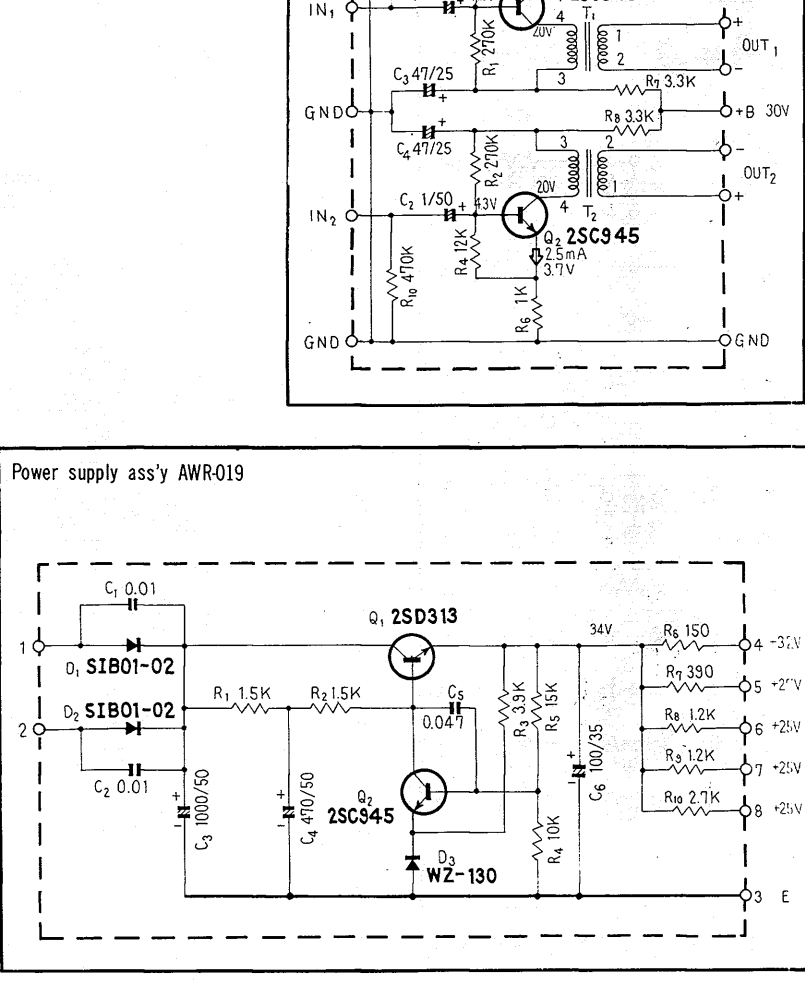
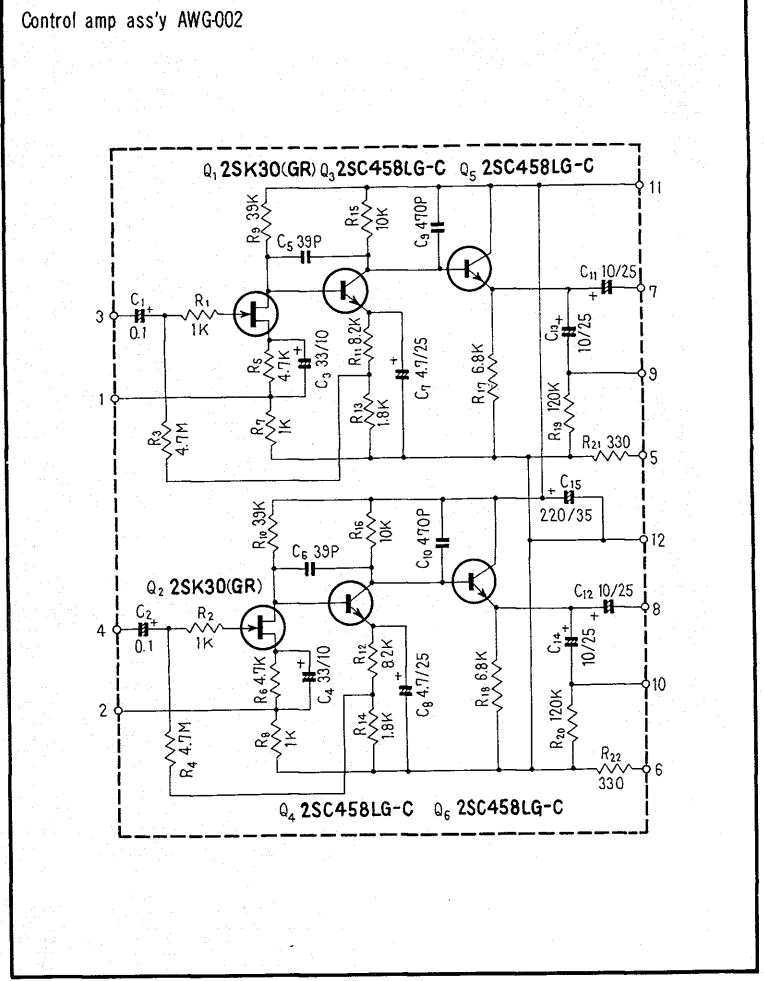
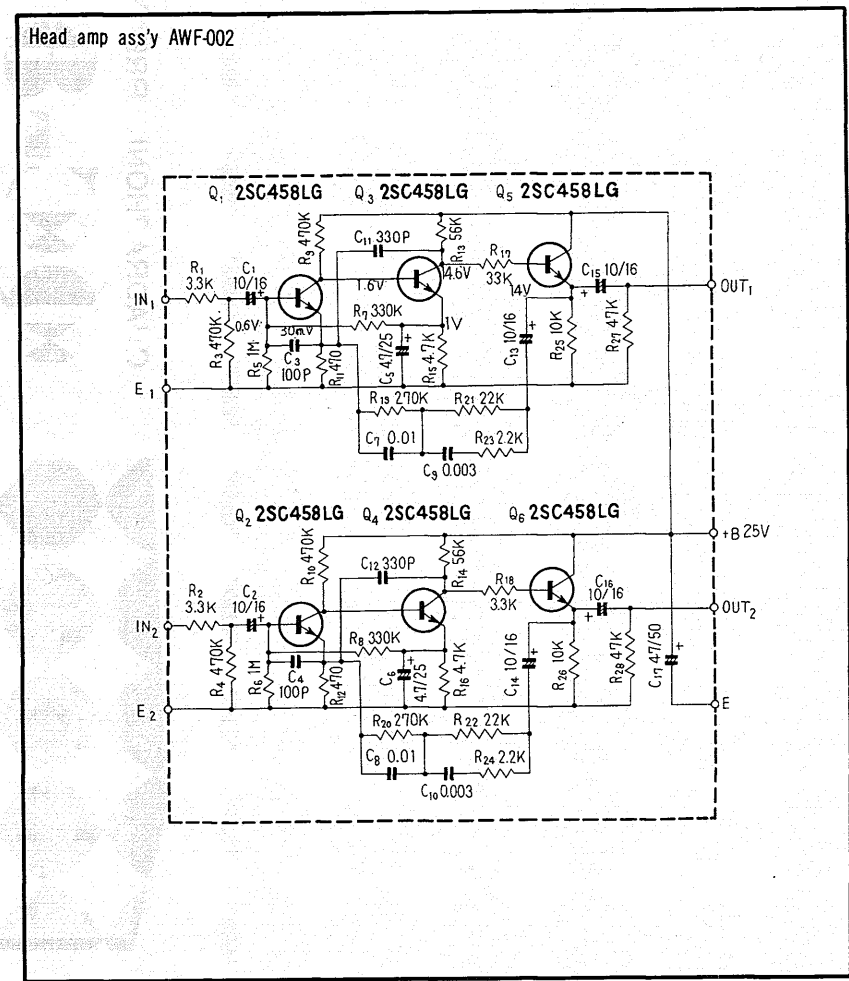
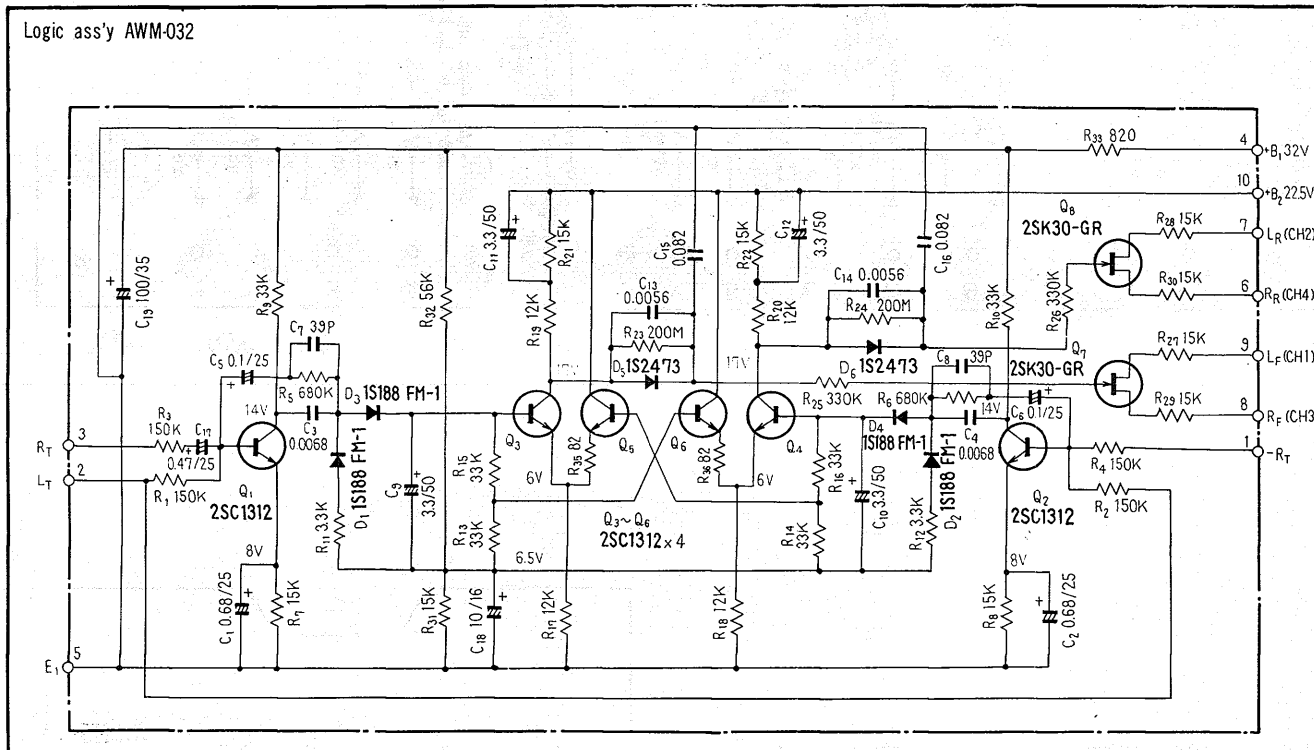
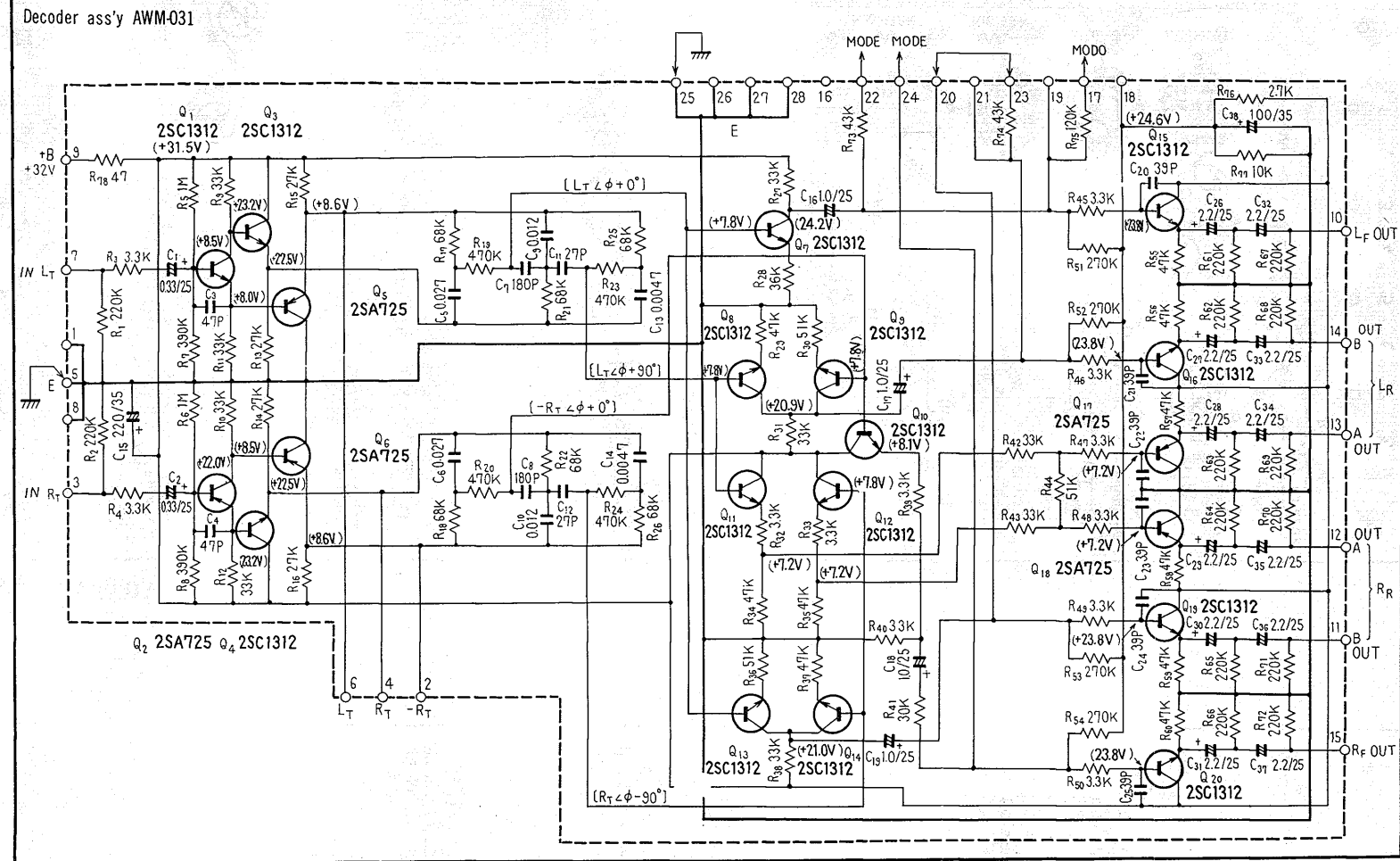
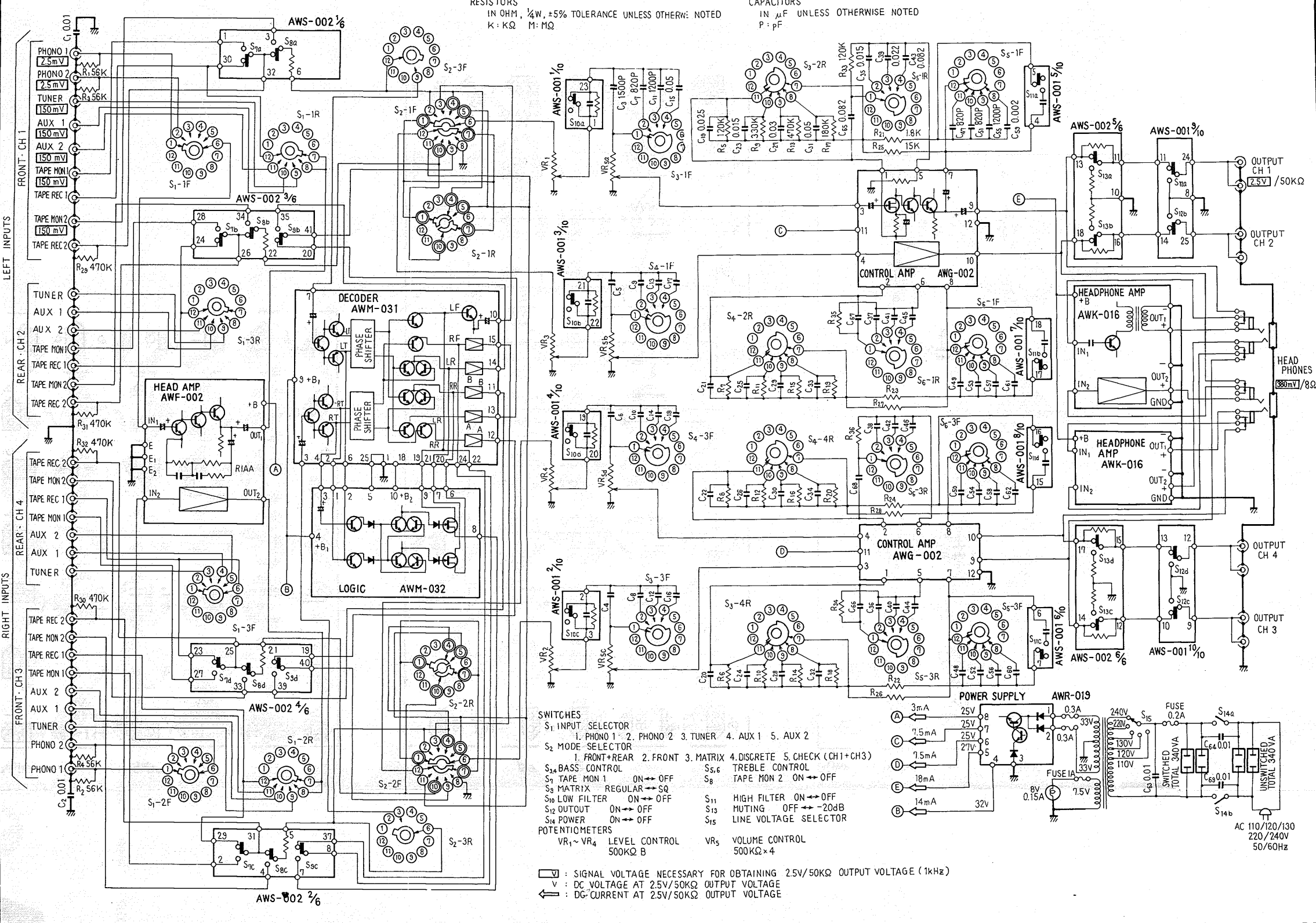
Logic ass'y AWM-032

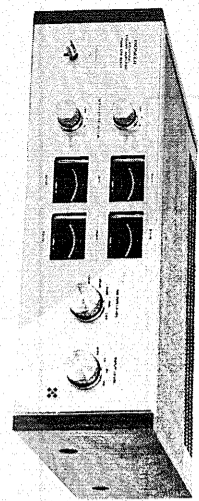


Decoder ass'y AWM-031



QC-800A





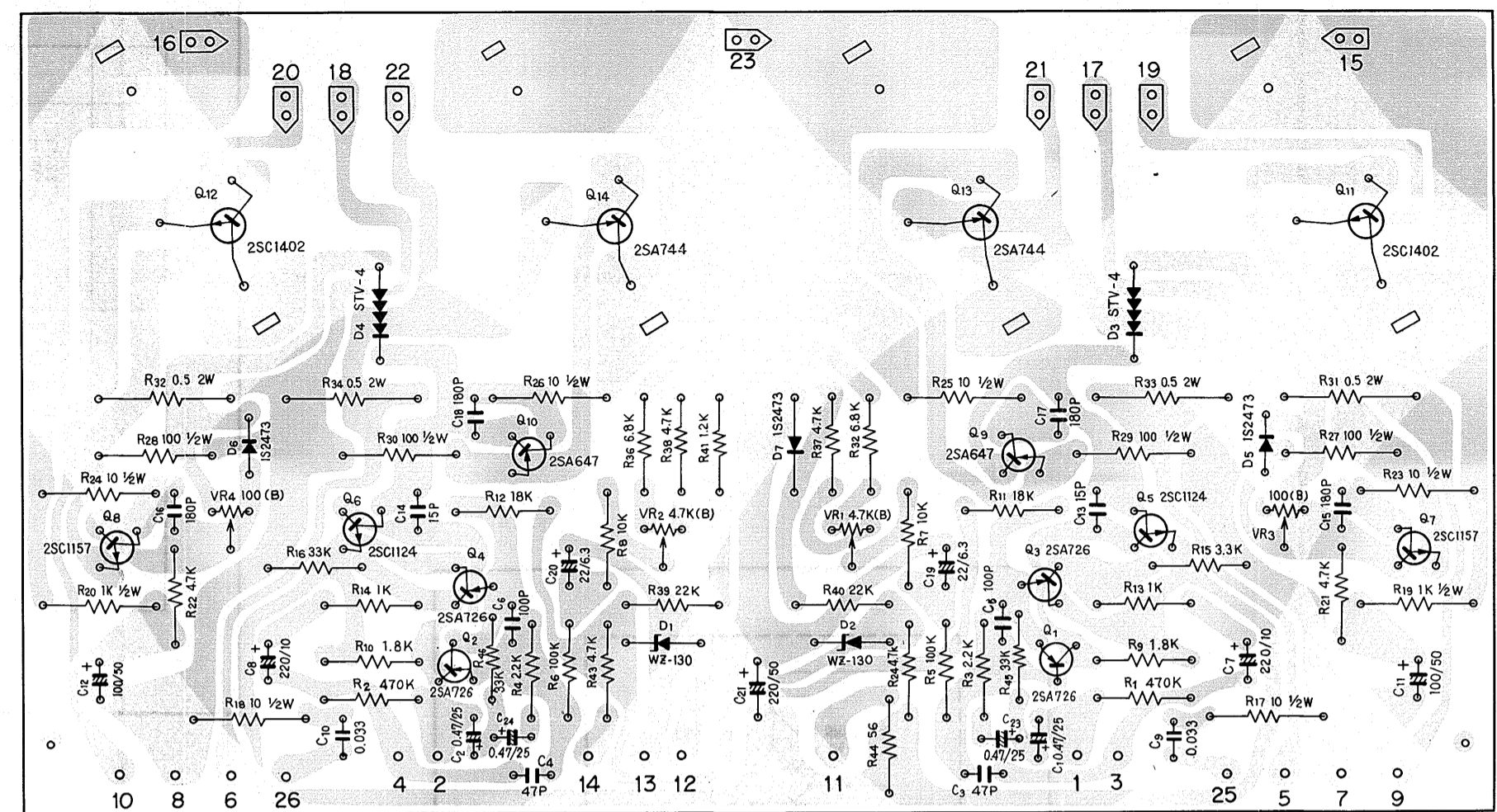
QUADRAPHONIC POWER AMPLIFIER

QM-800A

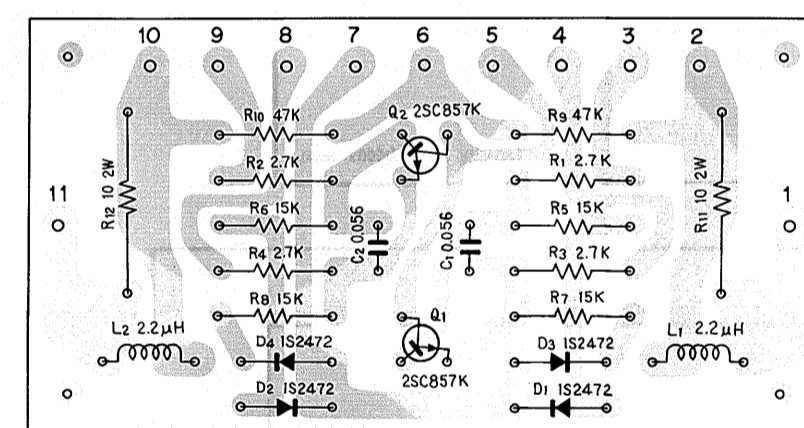
FWW

12

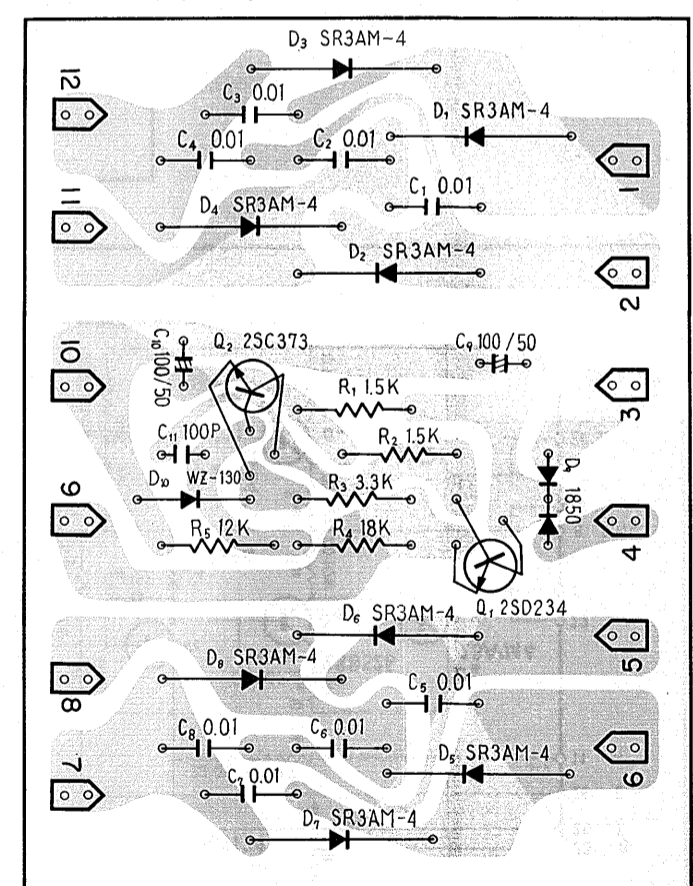
Power amp ass'y AWH-015



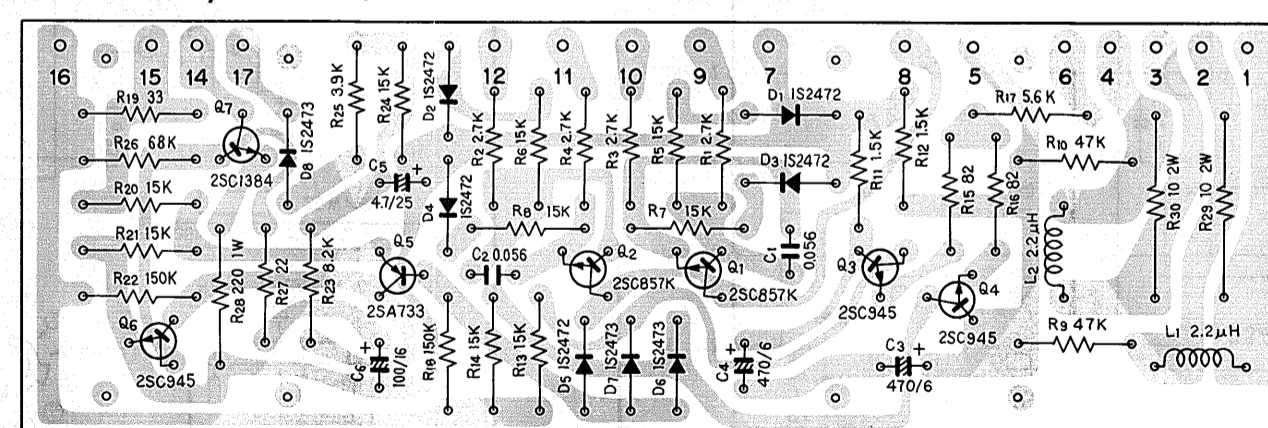
Protection ass'y AWM-029



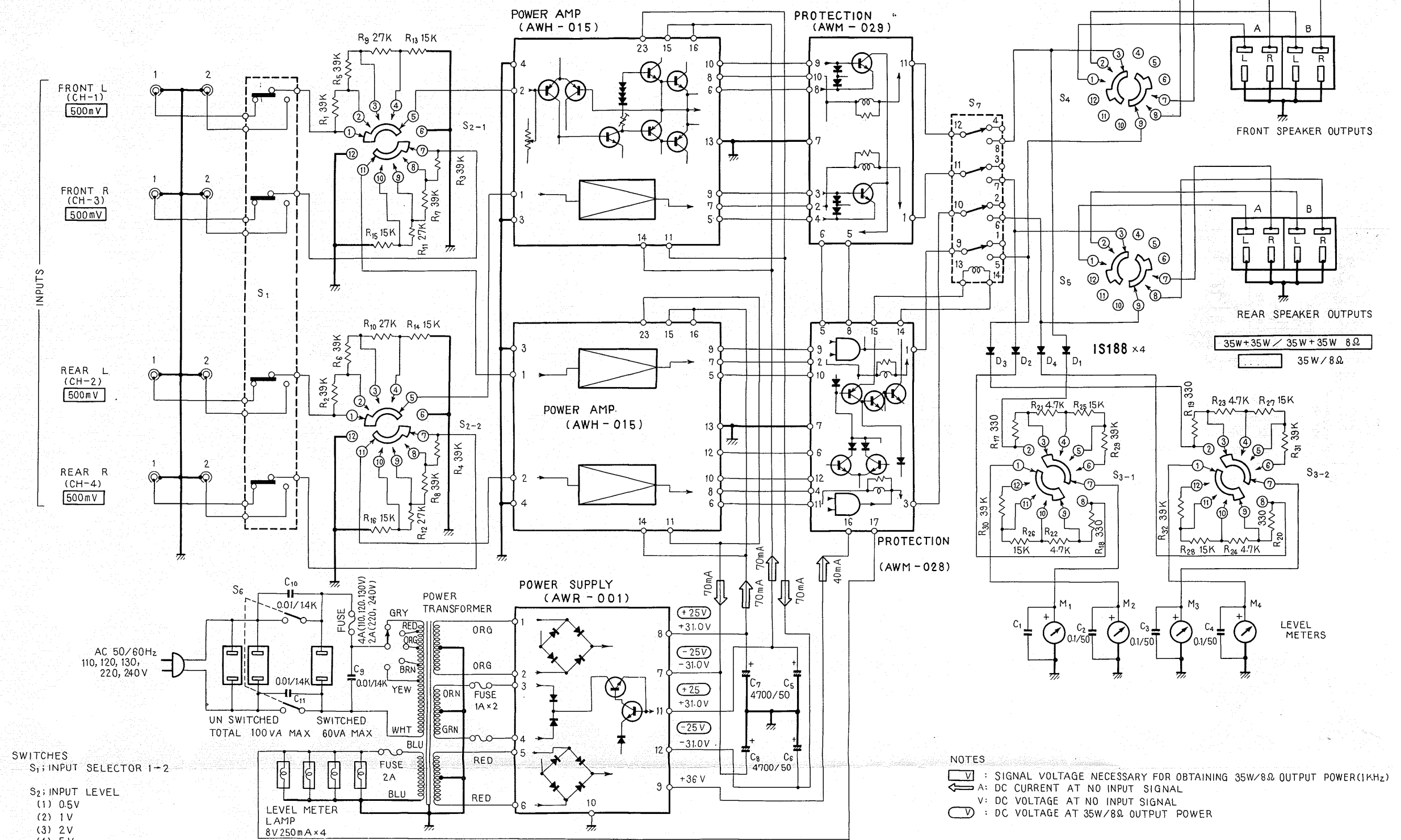
Power supply ass'y AWR-001



Protection ass'y AWM-028



QM-800A



- SWITCHES**
- S₁: INPUT SELECTOR 1-2
- S₂: INPUT LEVEL
 (1) 0.5V
 (2) 1V
 (3) 2V
 (4) 5V
- S₃: METER LEVEL
 (1) -30 dB
 (2) -20 dB
 (3) -10 dB
 (4) -0 dB
 (5) OFF
- S₄: SPEAKER SELECTOR (FRONT)
 (1) OFF
 (2) A
 (3) B
- S₅: SPEAKER SELECTOR (REAR)
 (1) OFF (2) A (3) B

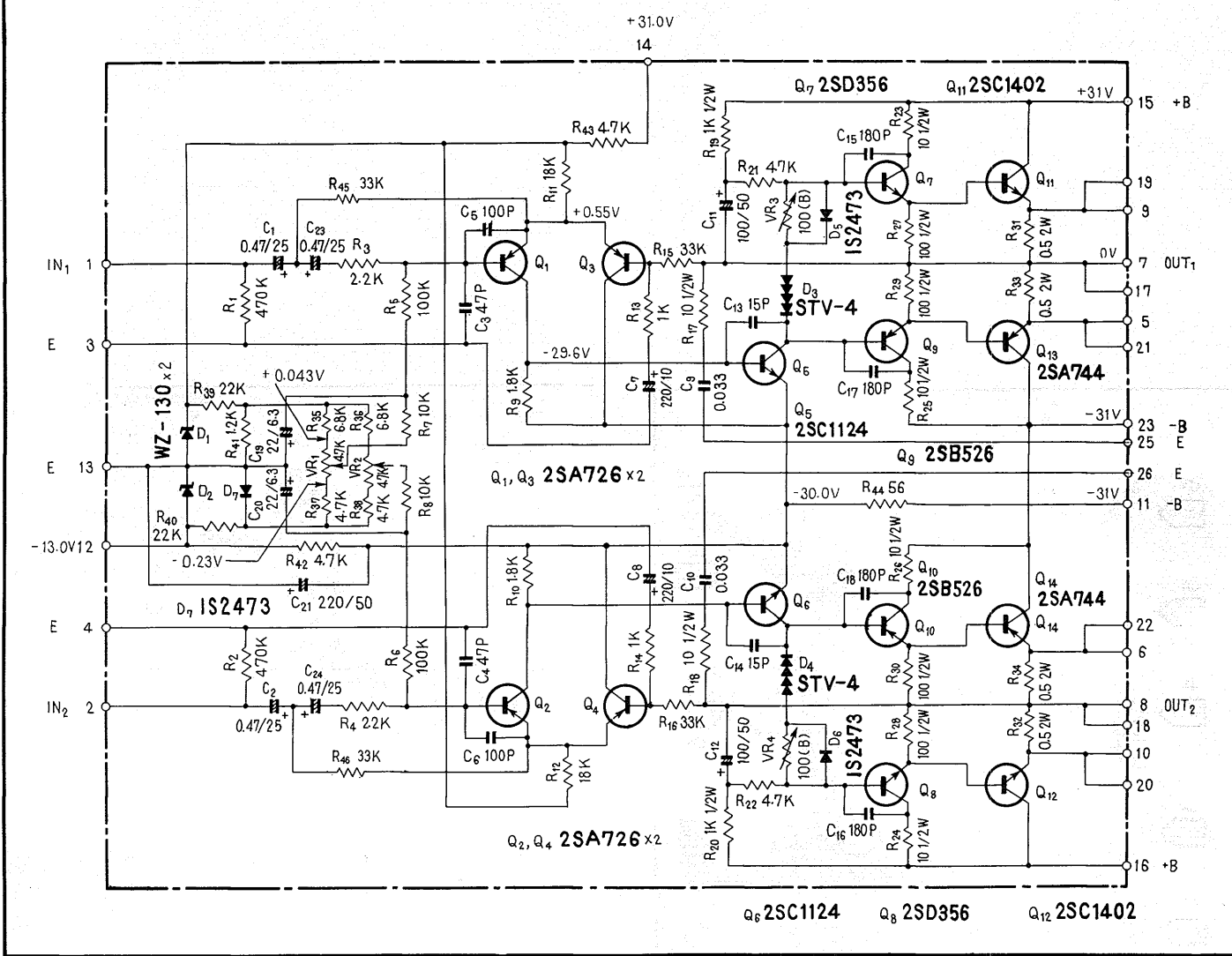
NOTES

- V: SIGNAL VOLTAGE NECESSARY FOR OBTAINING 35W/8Ω OUTPUT POWER (1KHz)
- A: DC CURRENT AT NO INPUT SIGNAL
- V: DC VOLTAGE AT NO INPUT SIGNAL
- V: DC VOLTAGE AT 35W/8Ω OUTPUT POWER

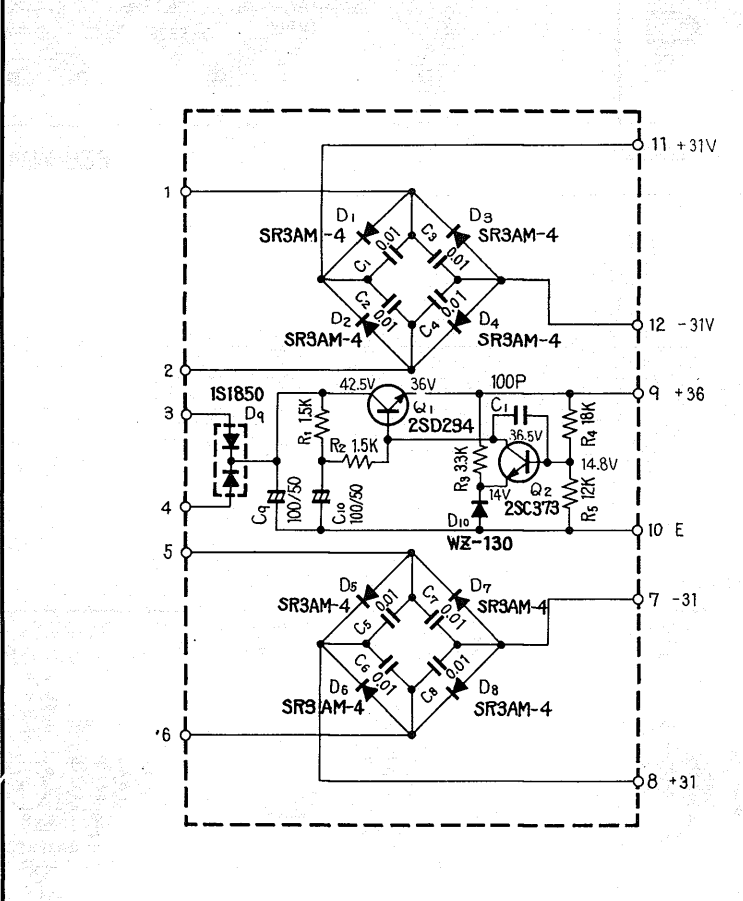
RESISTORS
 IN OHM, 1/4, ±5% TOLERANCE UNLESS OTHERWISE NOTED
 K: KΩ

CAPACITORS
 IN μF UNLESS OTHERWISE NOTED
 P: pF

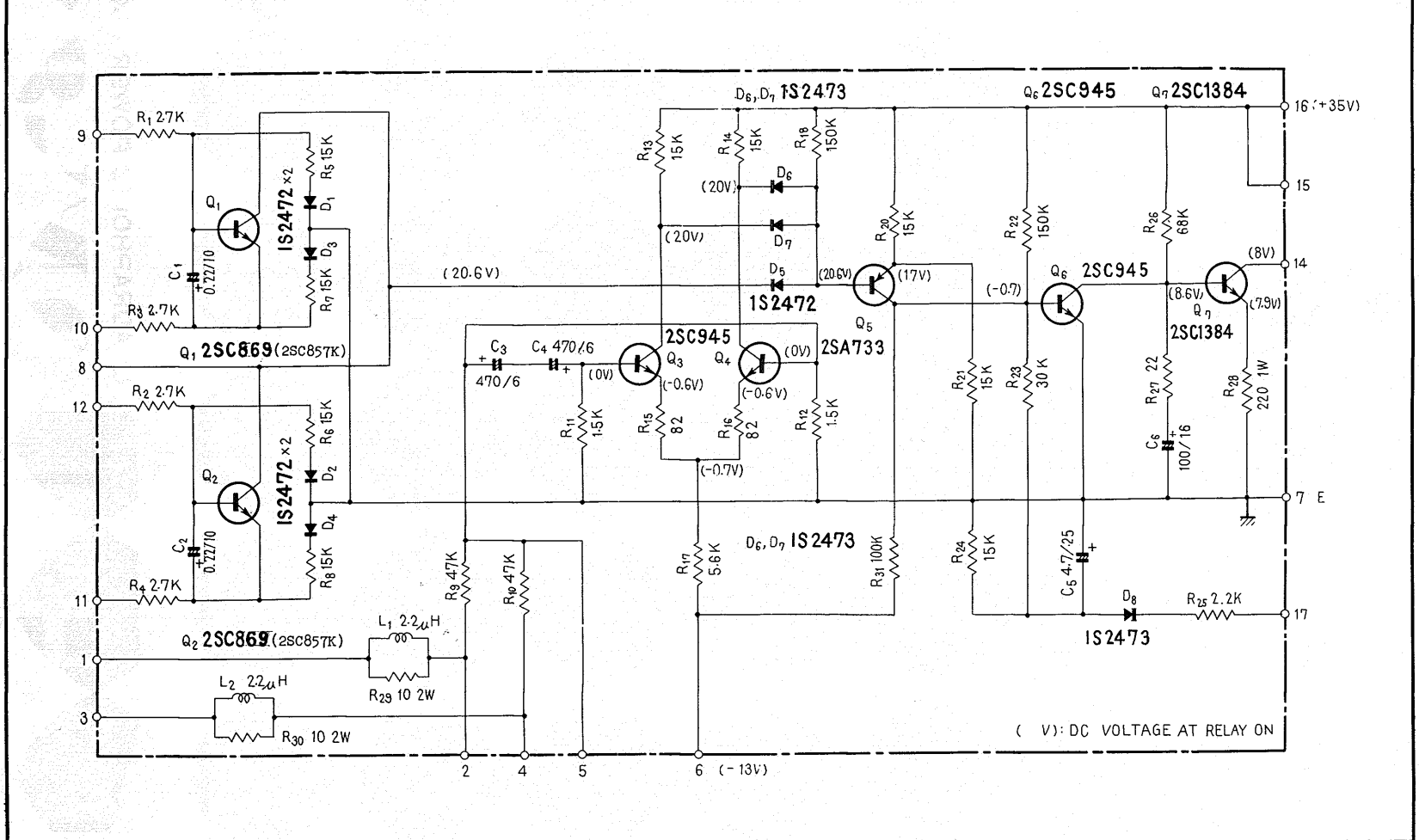
Power amp ass'y AWH015



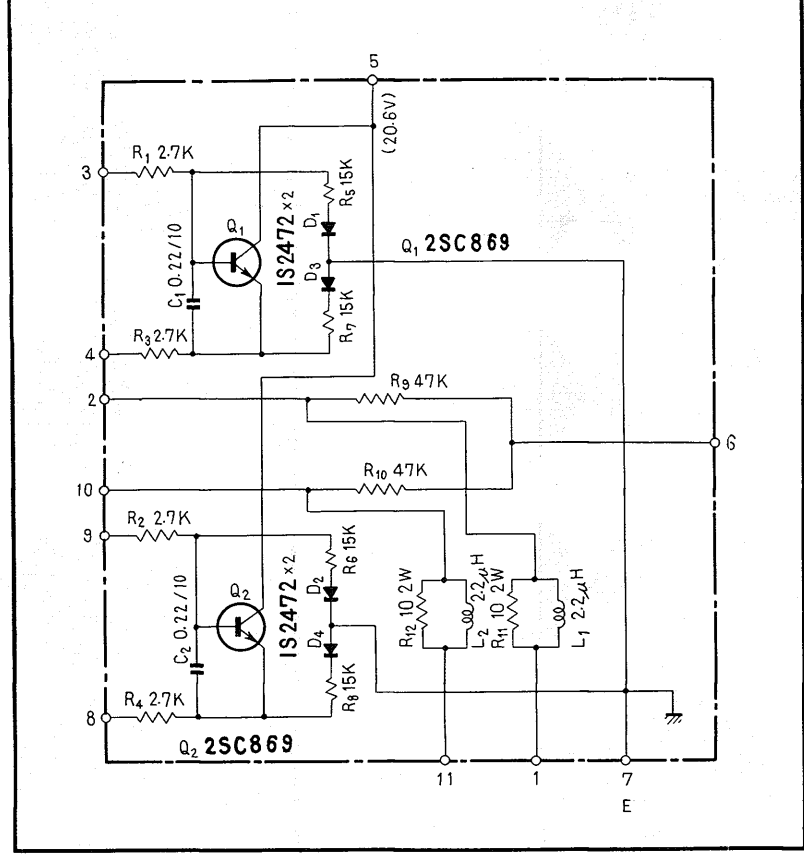
Power supply ass'y AWR001

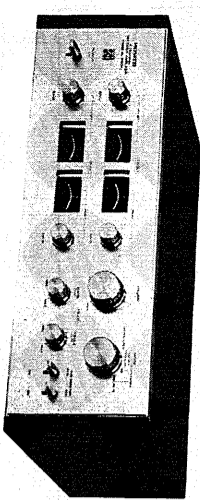


Protection ass'y AWM-028



Protection ass'y AWM-029





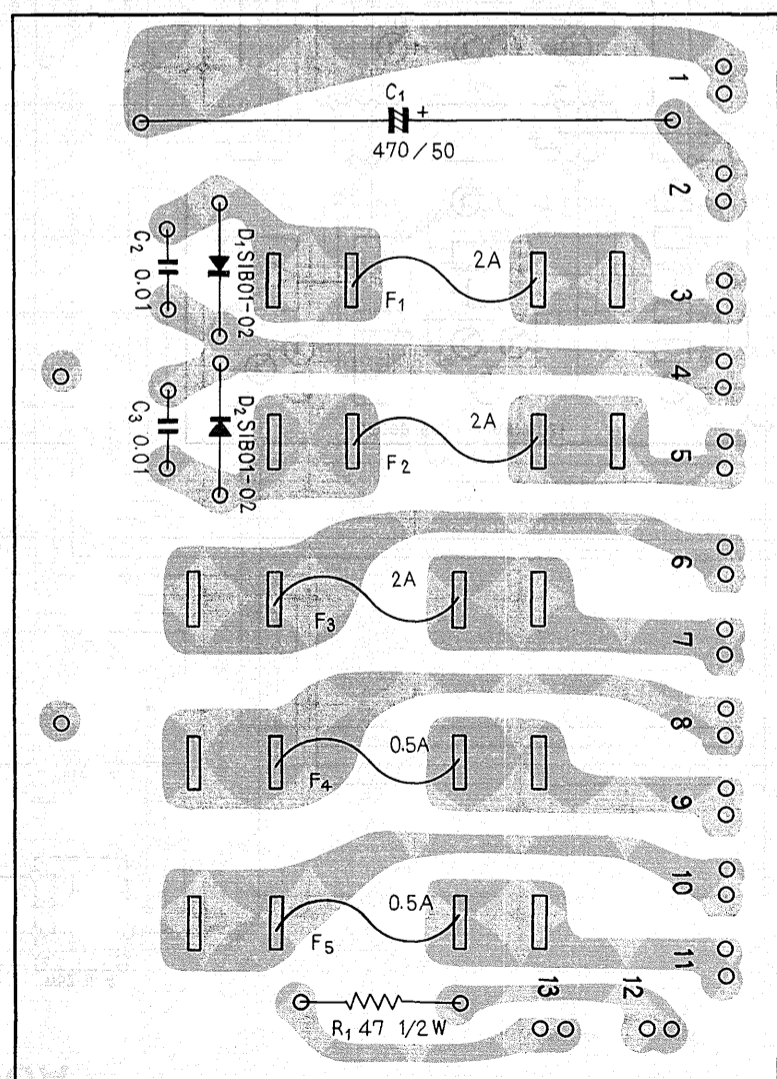
QUADRALIZER AMPLIFIER

Q1-600A

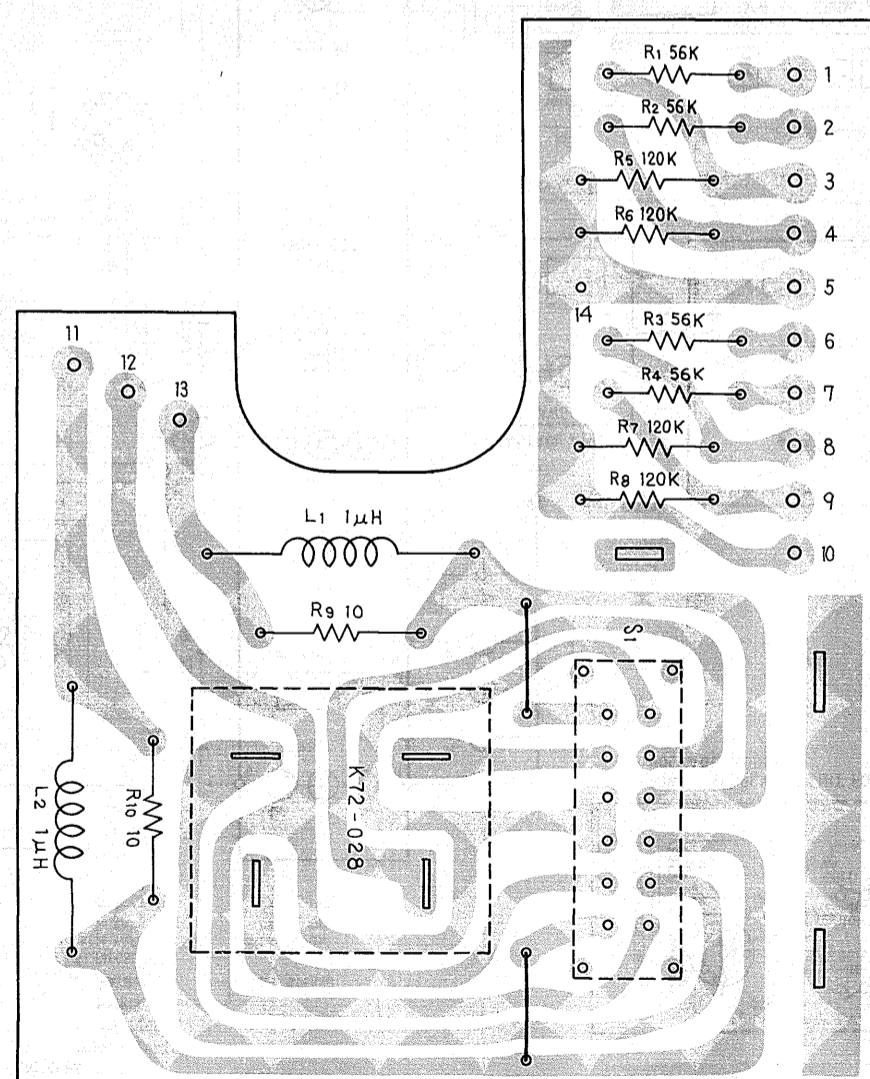
FWW KLV



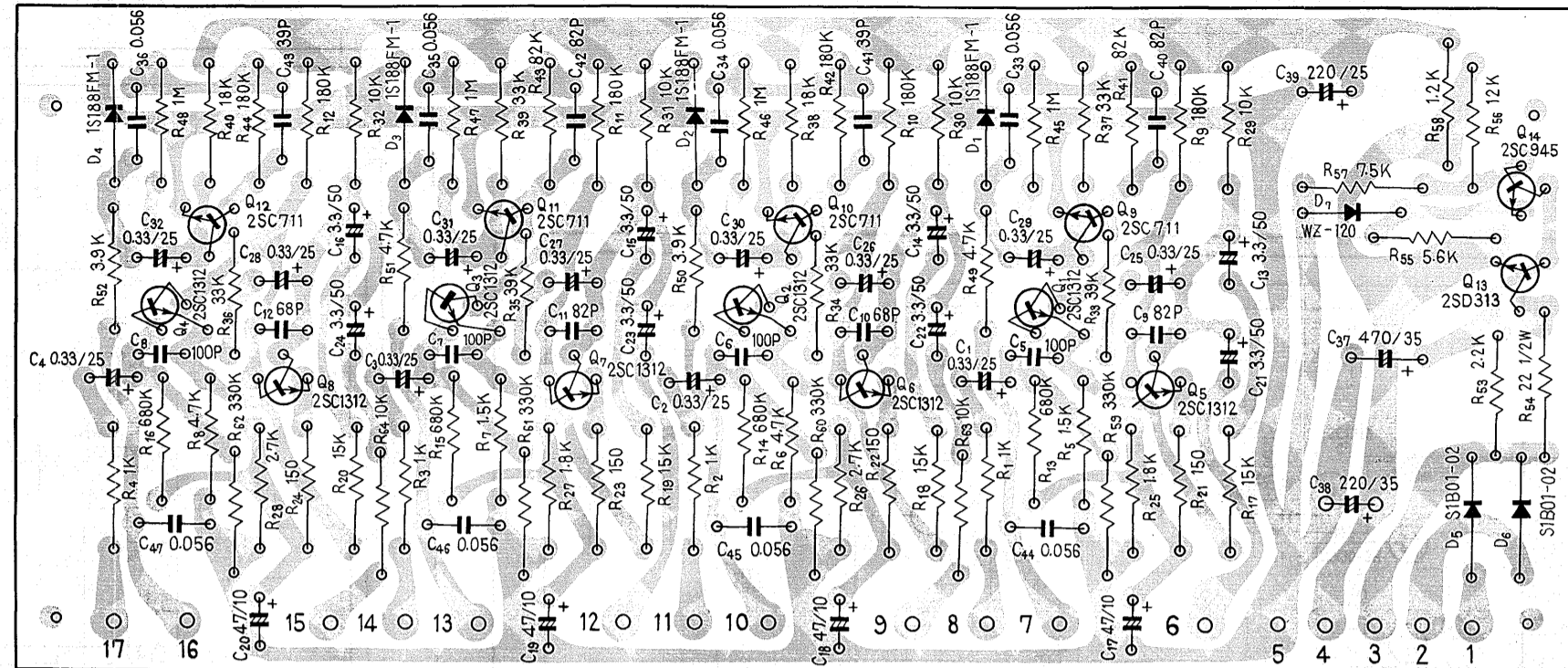
Power supply ass'y AWR-016



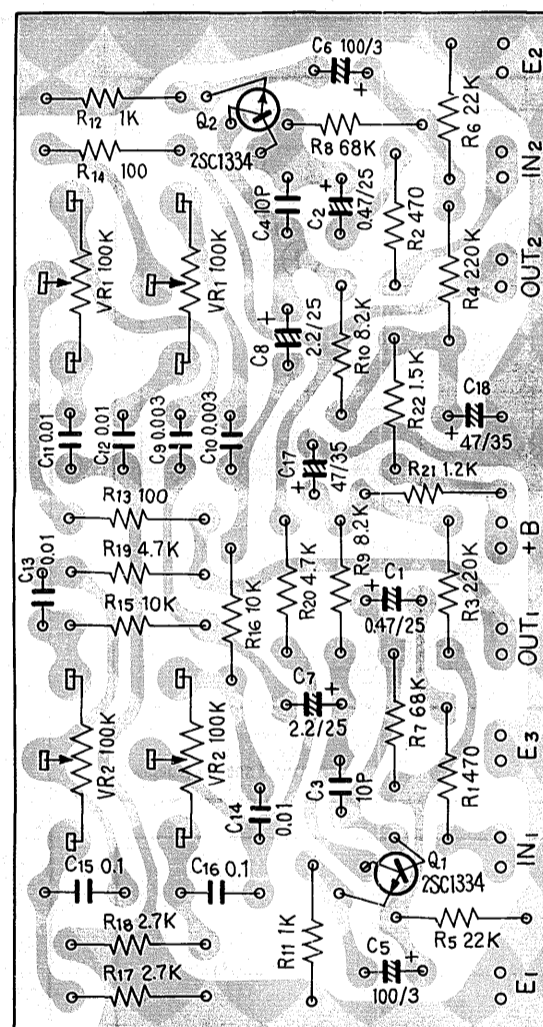
Input and output ass'y AWM-026



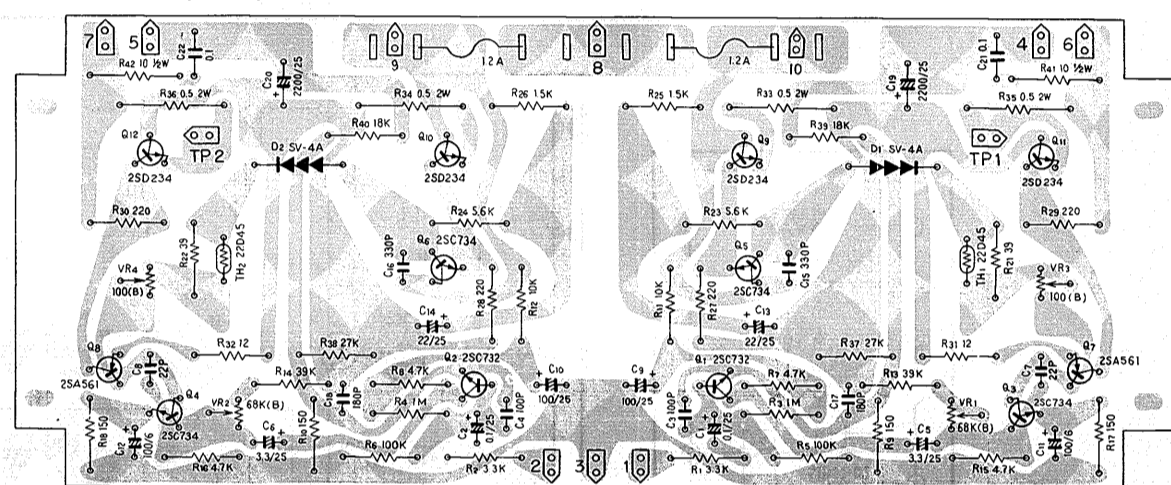
Meter amp ass'y AWM-020



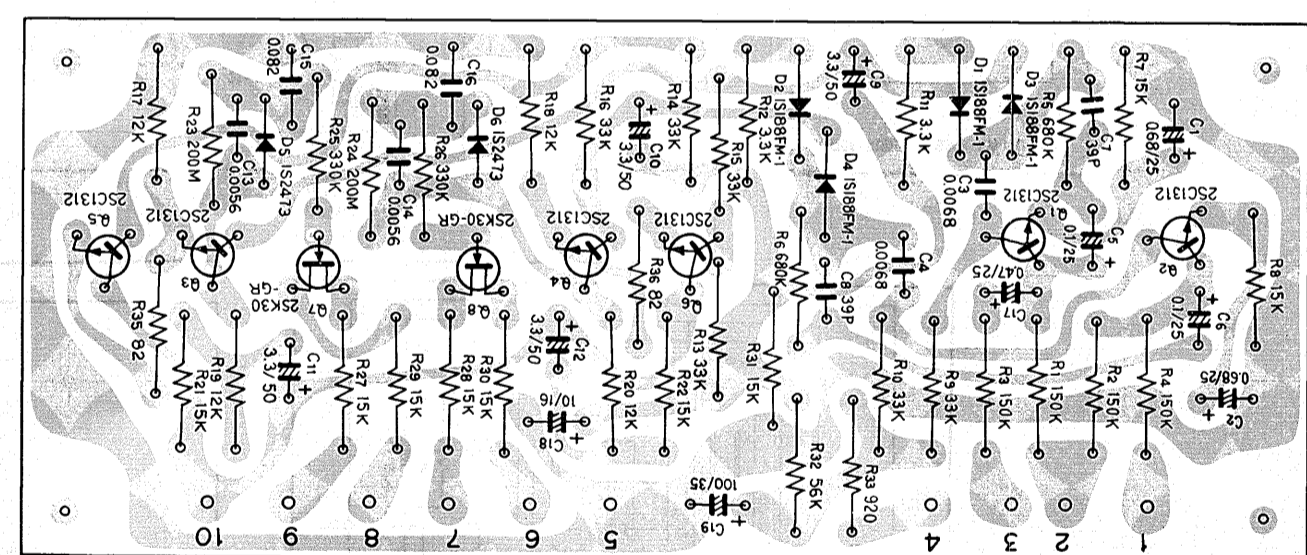
Control amp ass'y AWM-009



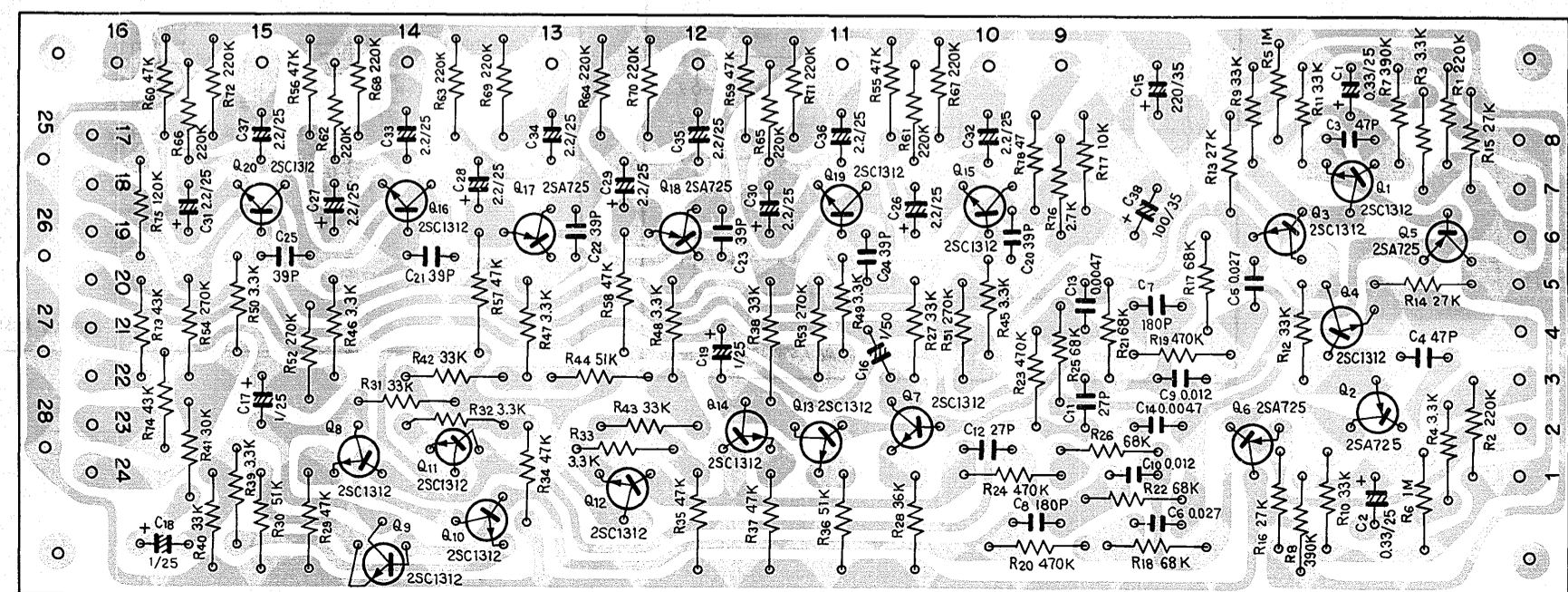
Power amp ass'y AWM-005



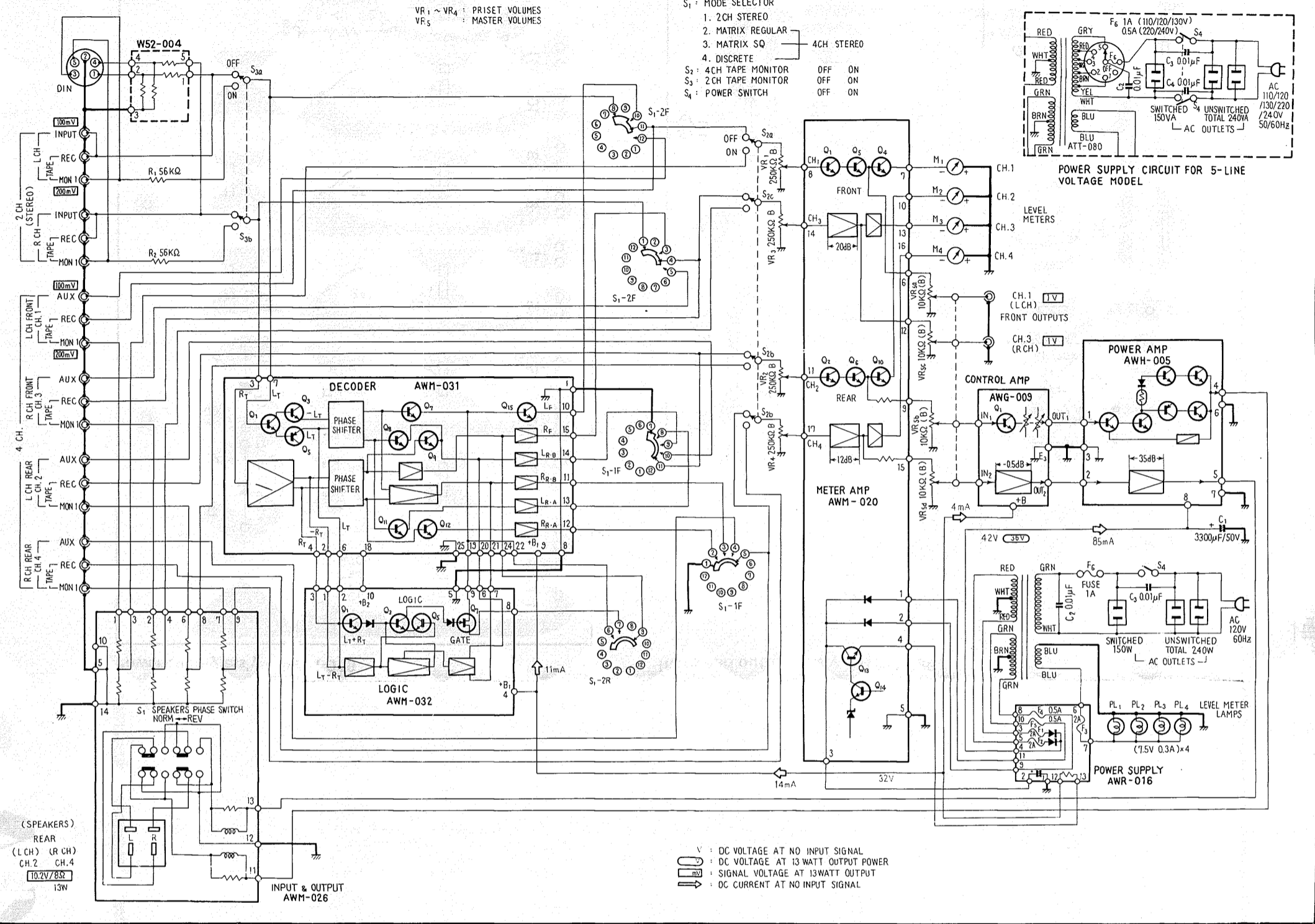
Logic ass'y AWM-032



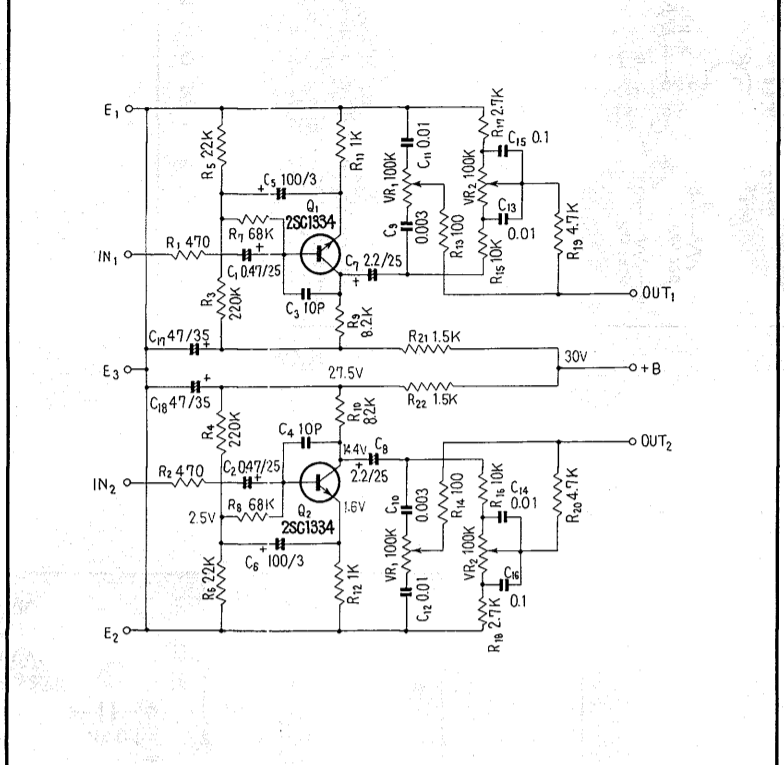
Decoder ass'y AWM-031



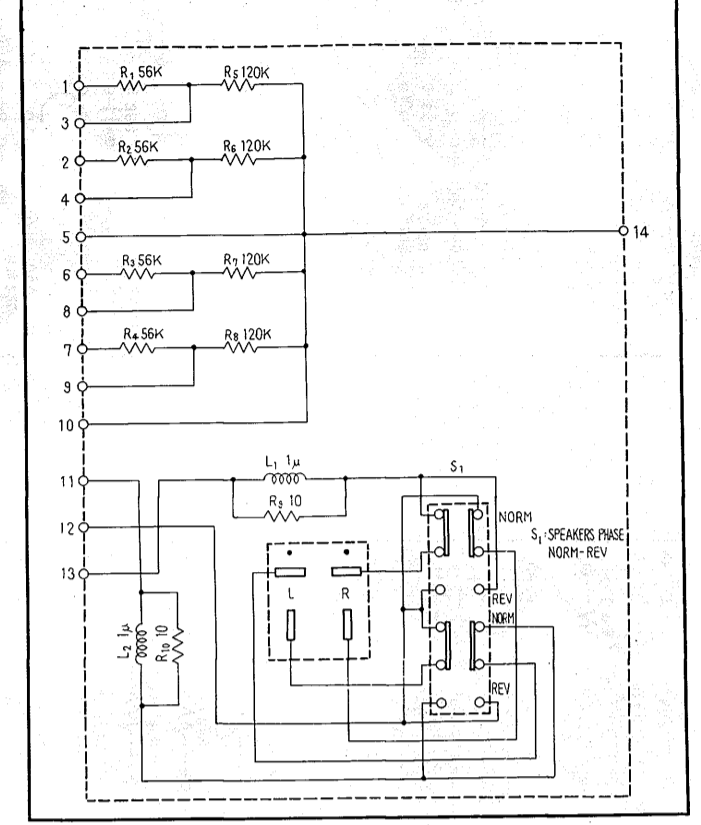
QL-600A



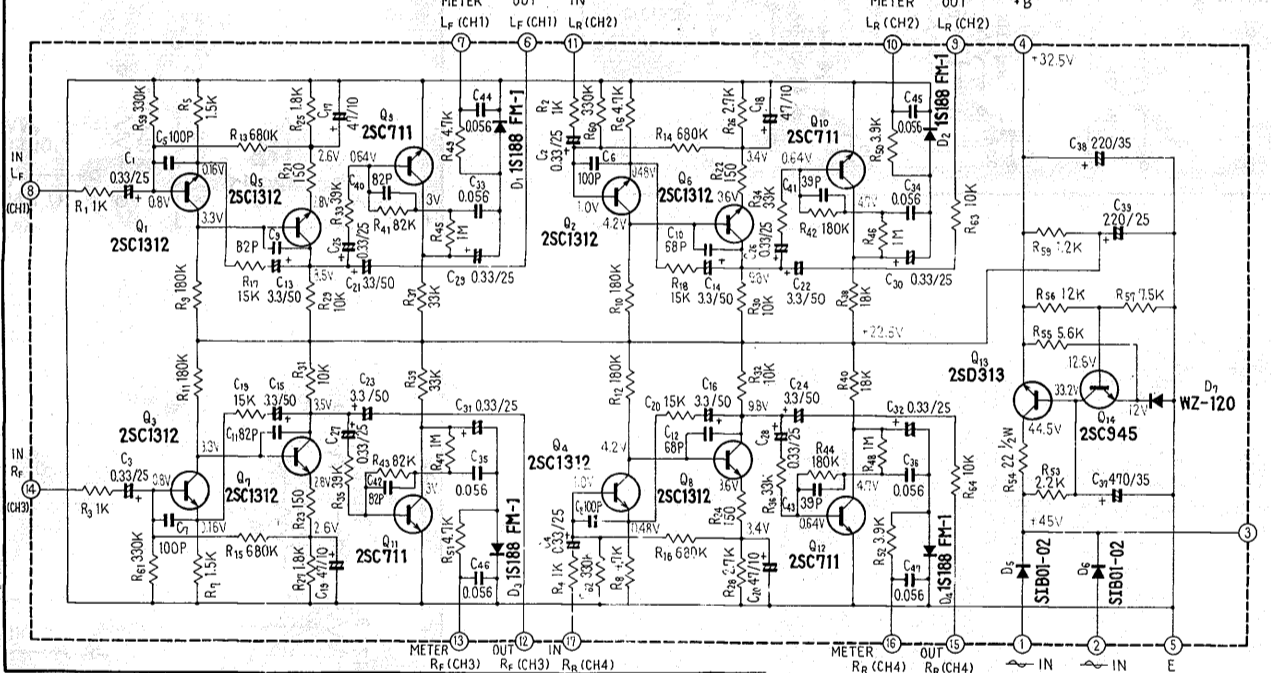
Control amp ass'y AWW-009



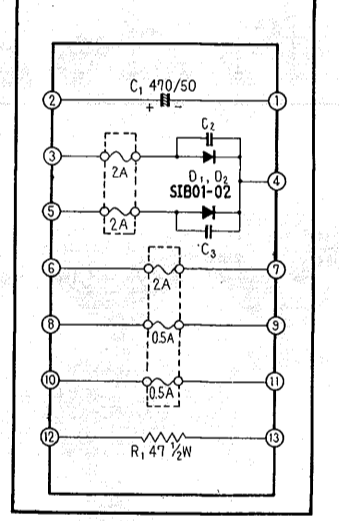
Input & output ass'y AWM-026



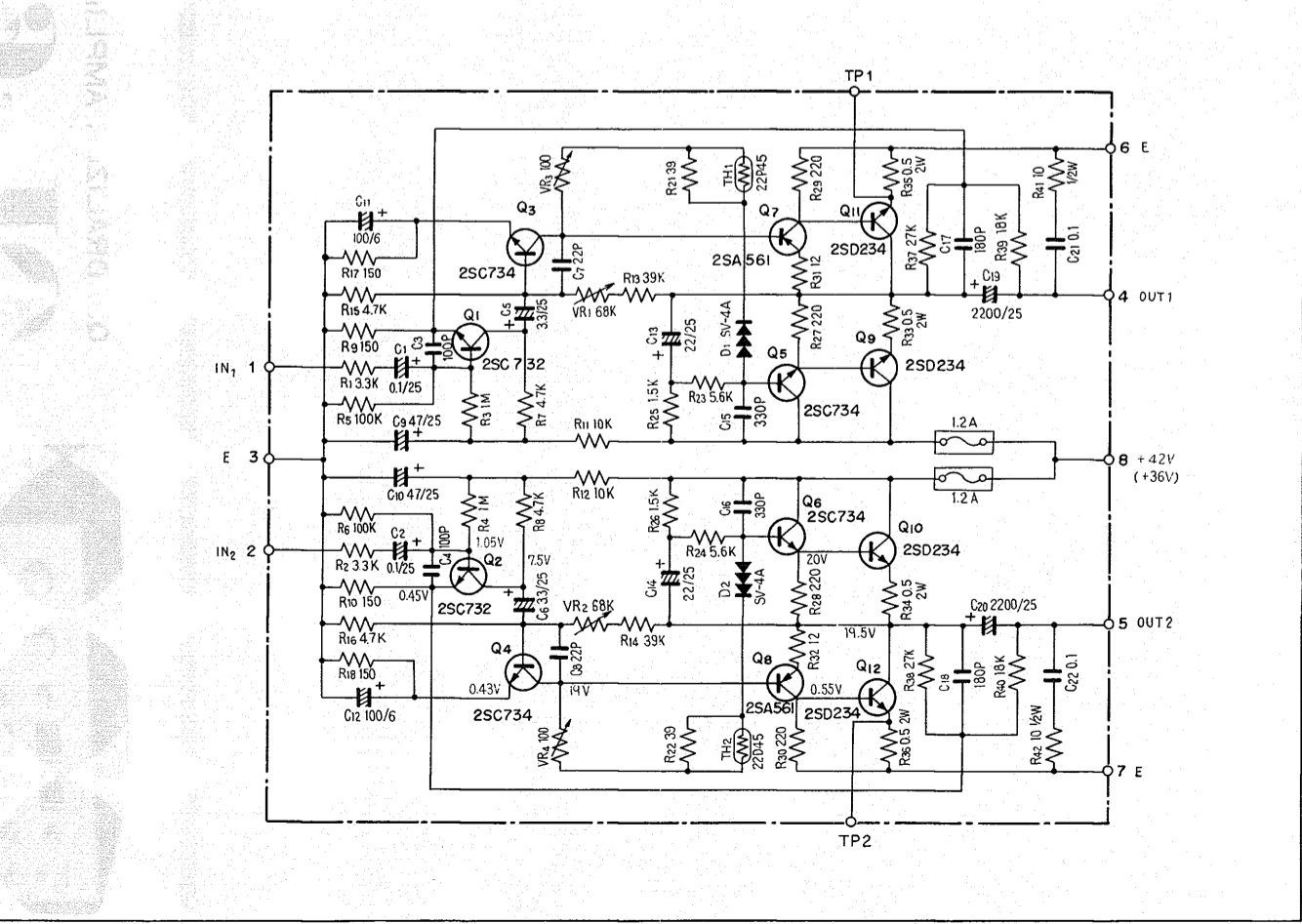
Meter amp ass'y AWM-020



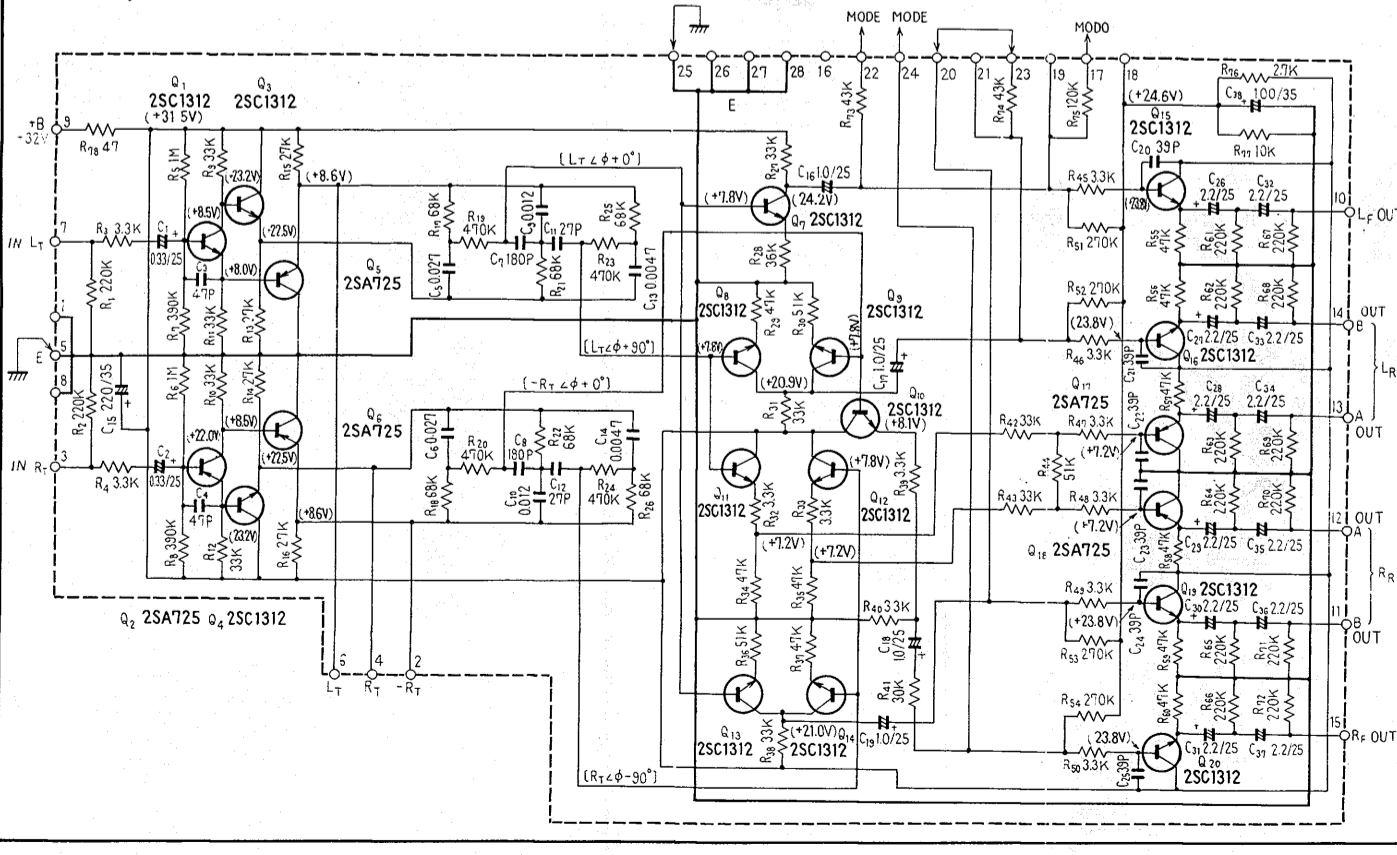
Power supply ass'y AWR-016



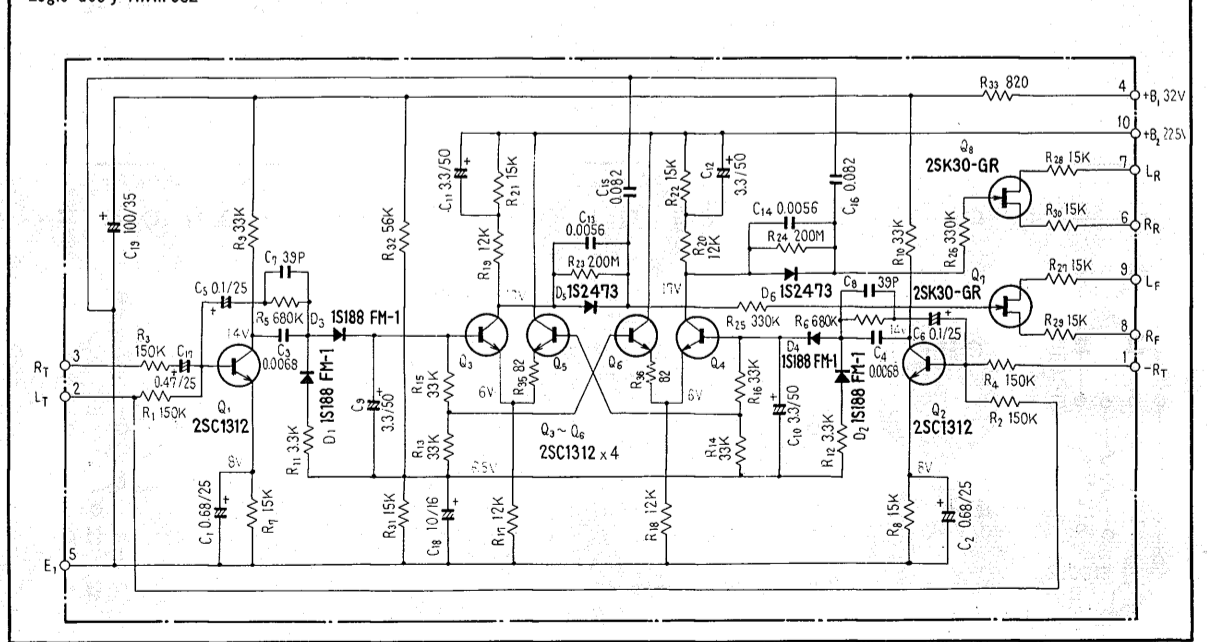
Power amp ass'y AWH-005



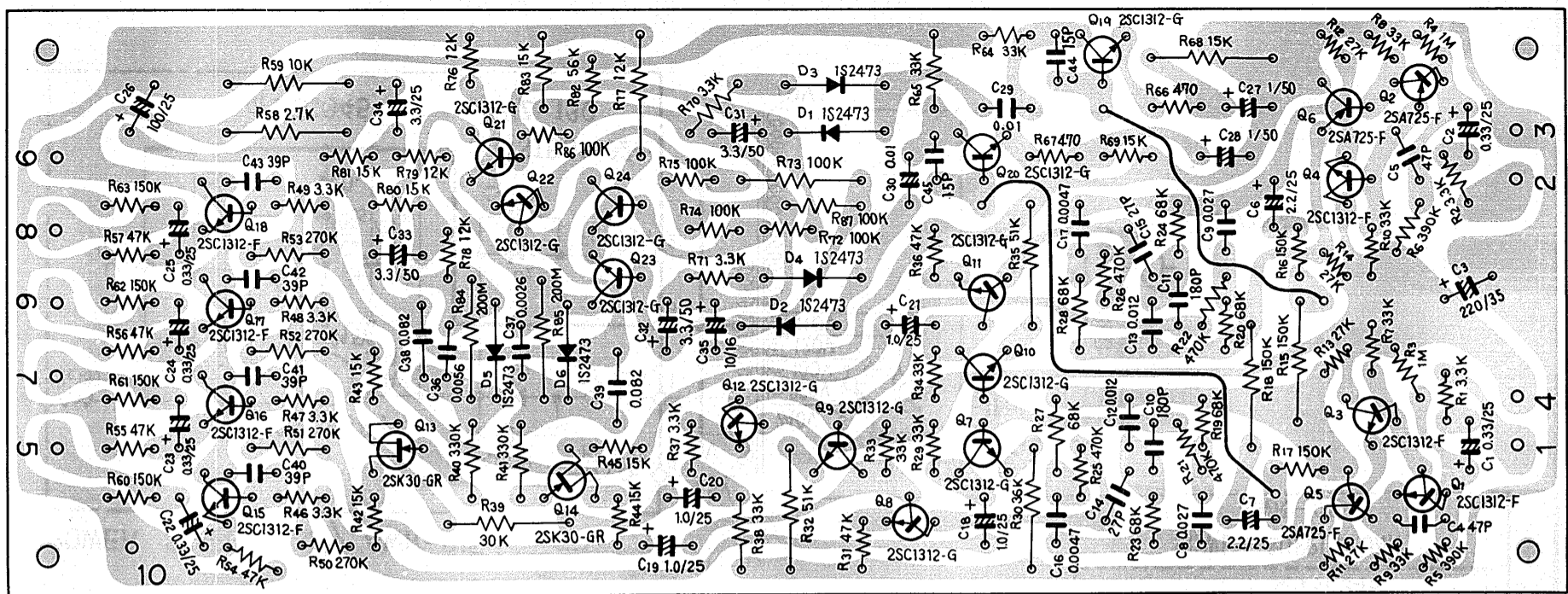
Decoder ass'y AWM-031



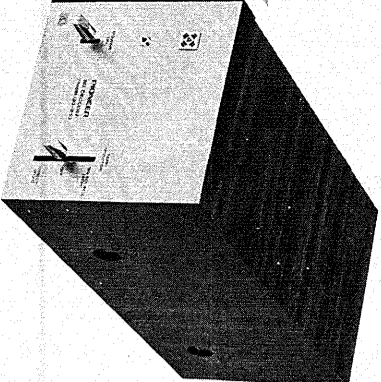
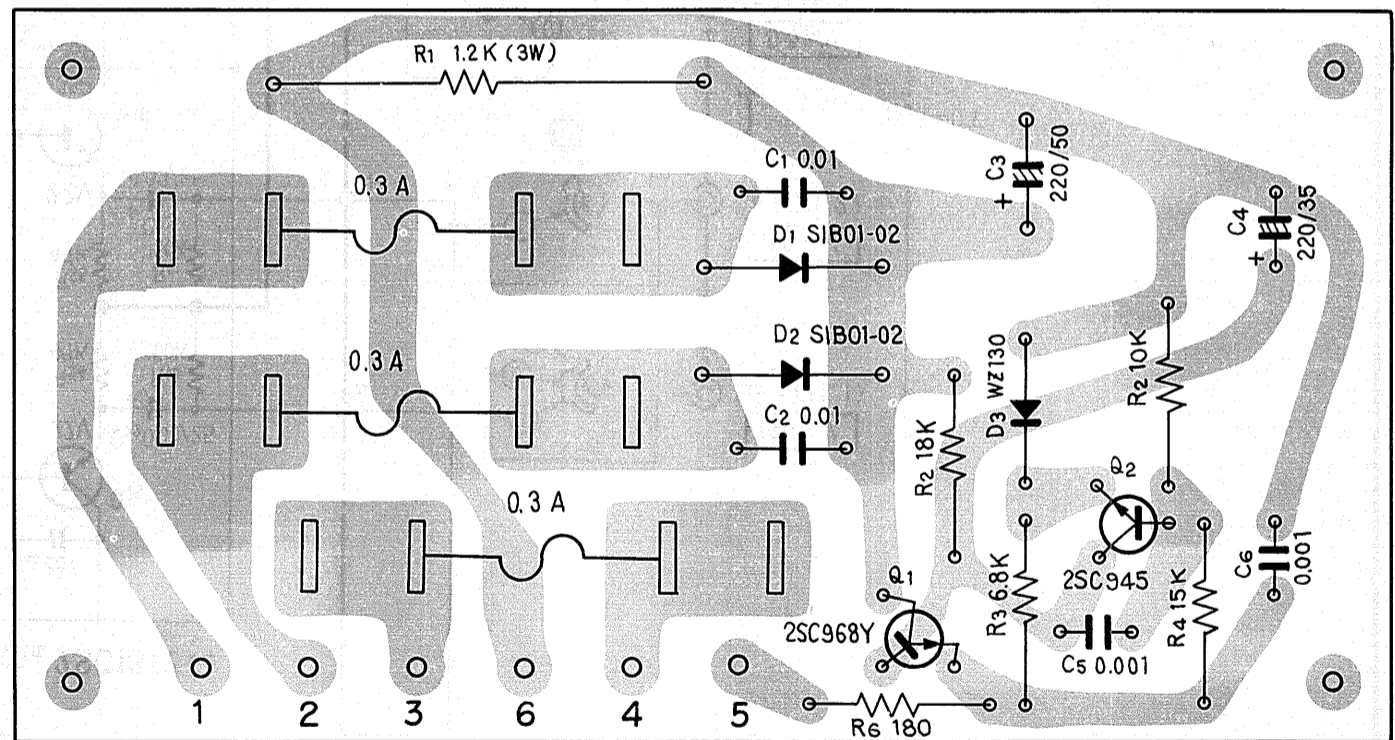
Logic ass'y AWM-032



Decoder ass'y AWM-019



Power supply ass'y AWR-015

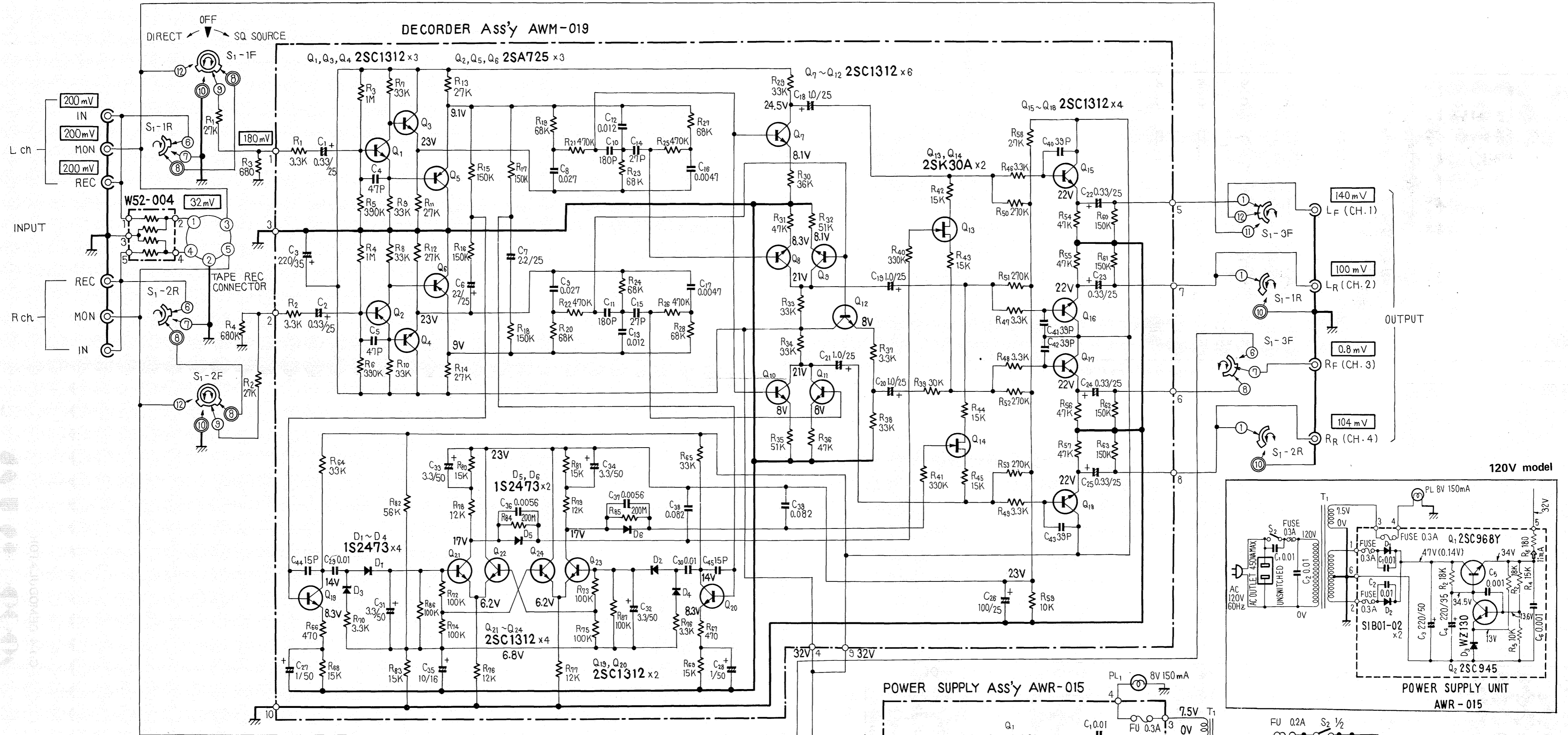


CD-4 DEMODULATOR

CD-210

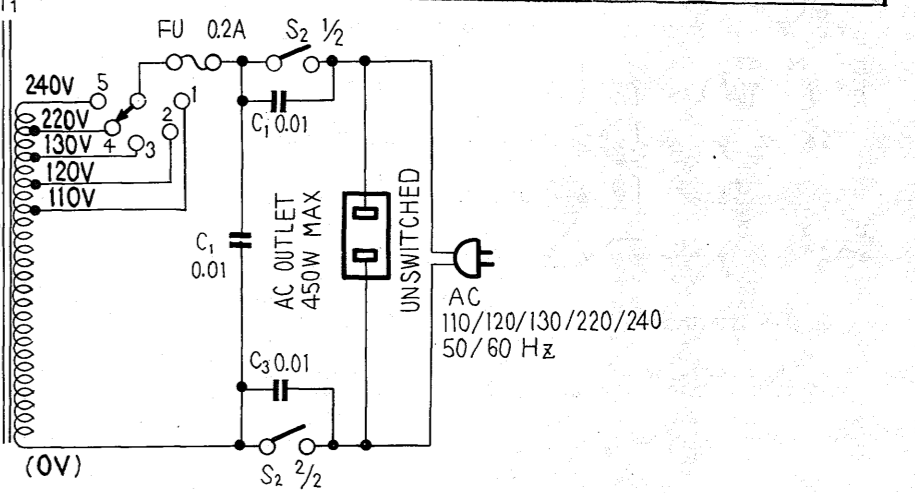
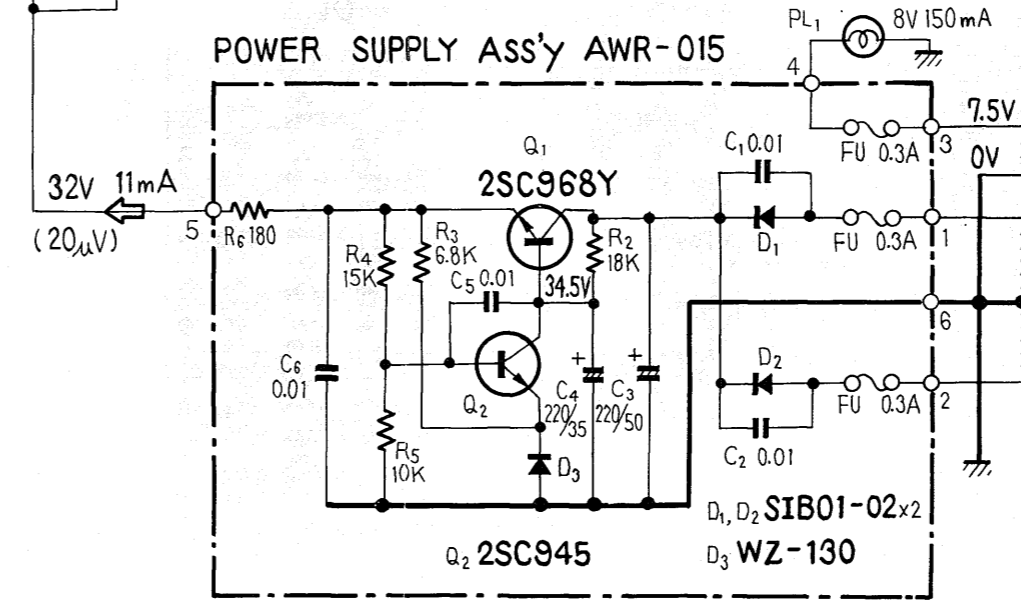
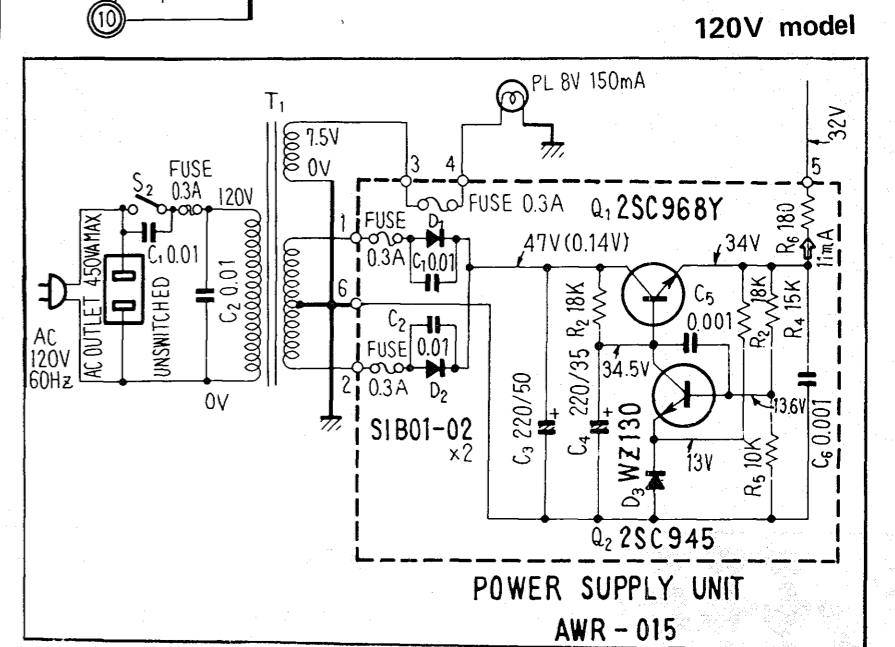
FWW KTW

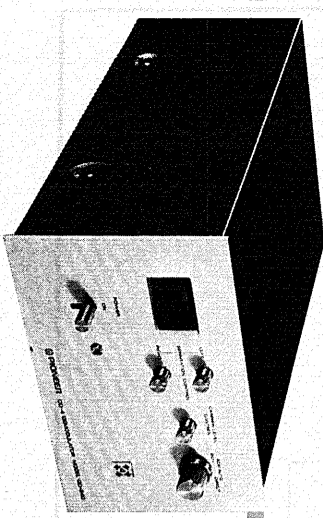
14



- SWITCHES**
- S₁ : TAPE MONITOR SWITCH
 - 1. SQ SOURCE
 - 2. OFF
 - 3. DIRECT
 - S₂ POWER SWITCH
 - ON → OFF

- V** DC VOLTAGE
mV SIGNAL VOLTAGE AT 1KHz L ch INPUT
↔ DC CURRENT
(ΔV) RIPPLE VOLTAGE
- RESISTORS**
 K KILO OHM
- CAPACITORS**
 NON MARK MICRO FARAD



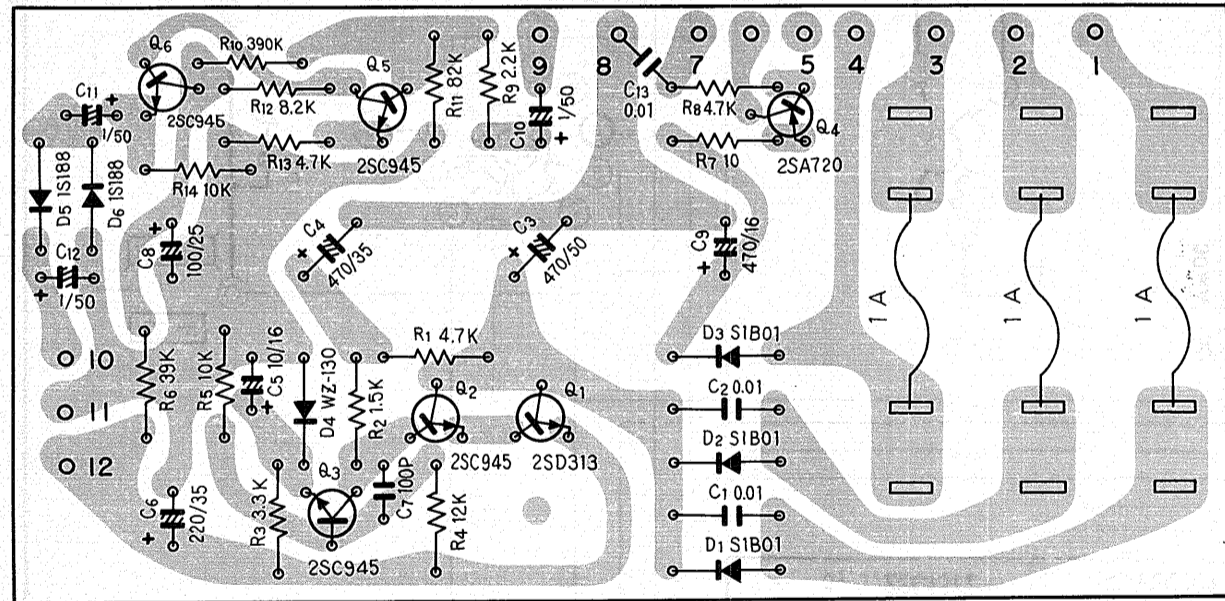


CD-4 DEMODULATOR

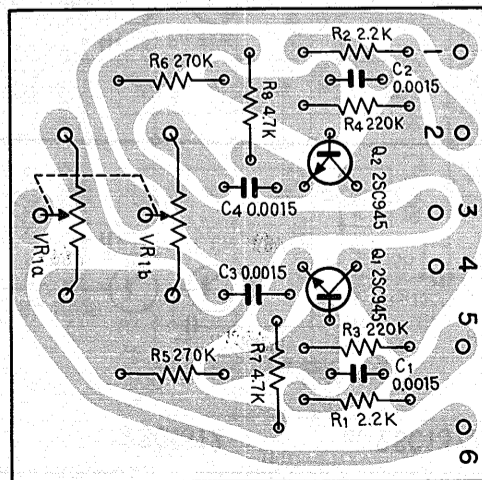
CD-240

F KL

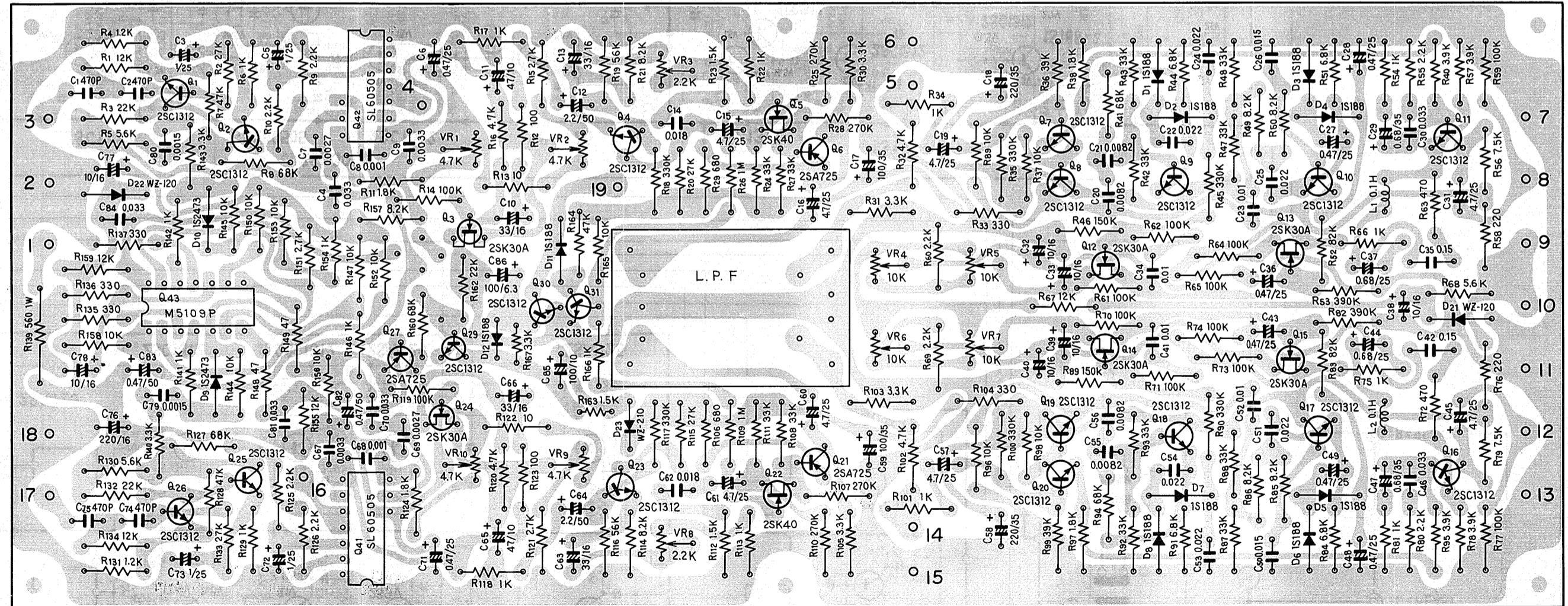
Power supply ass'y AWR-036



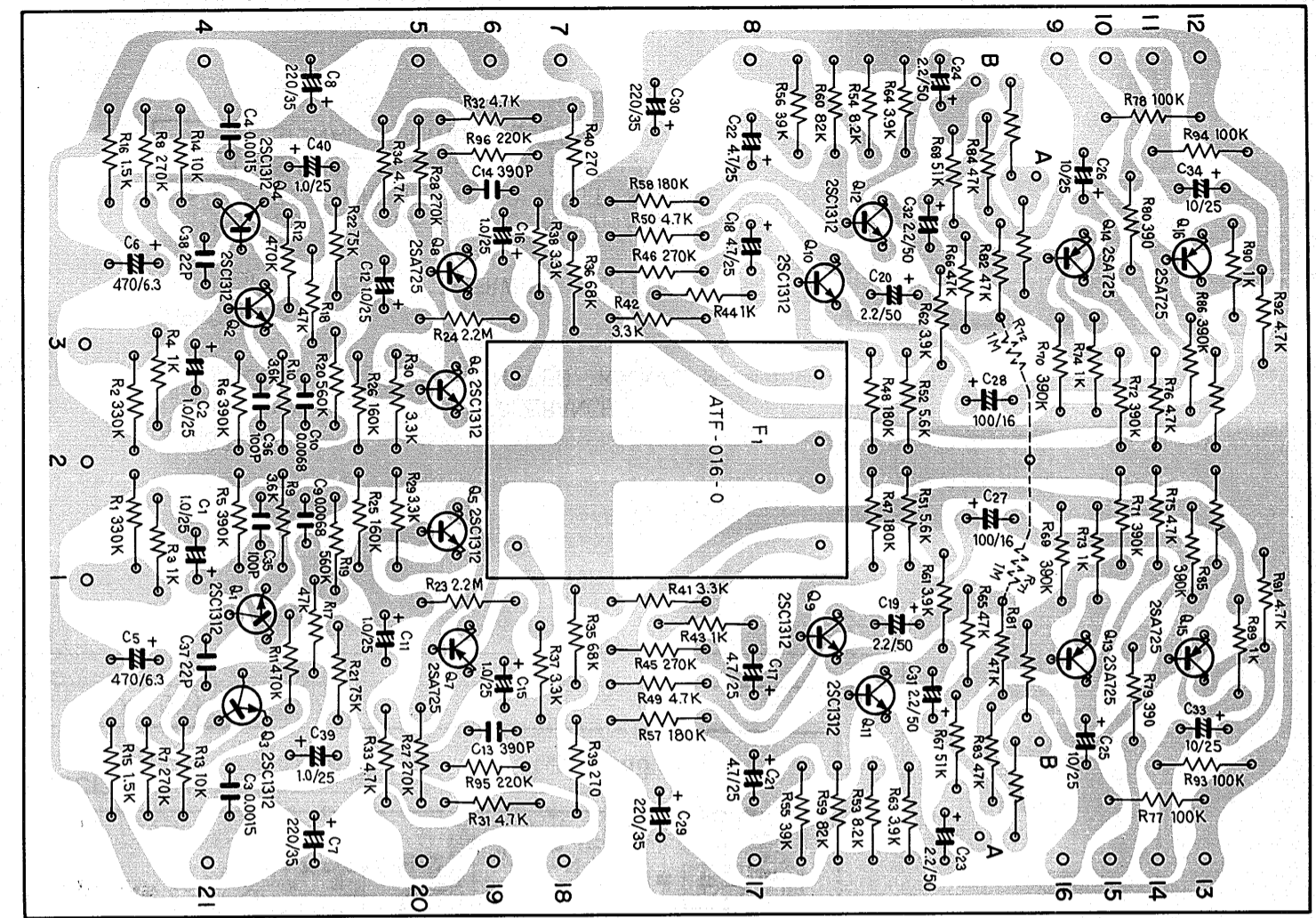
Volume ass'y AWX-049



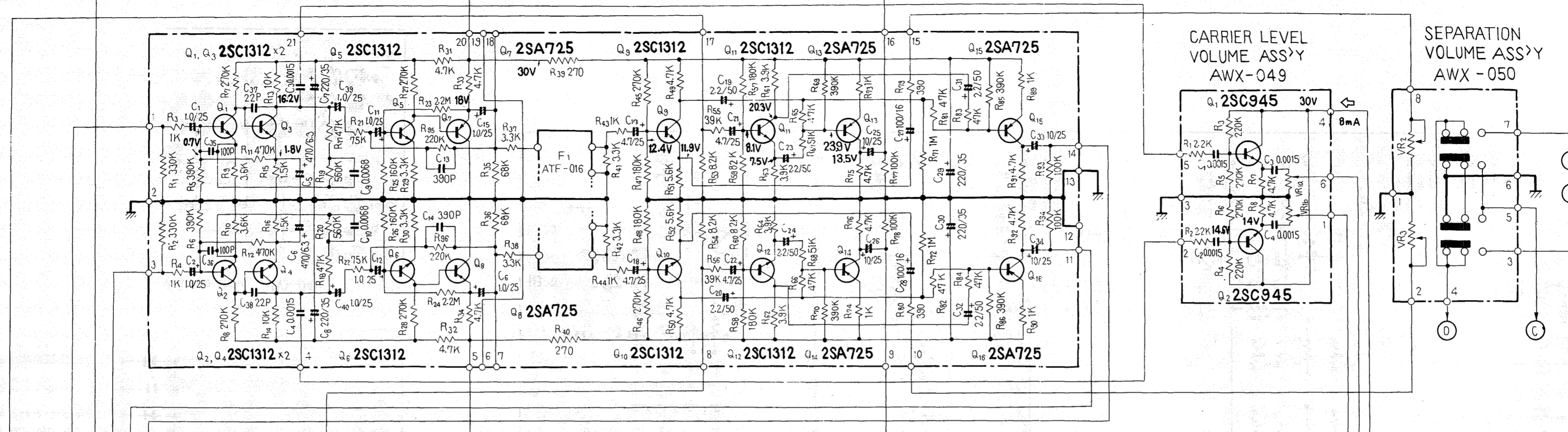
Sub channel circuit ass'y AWX-051



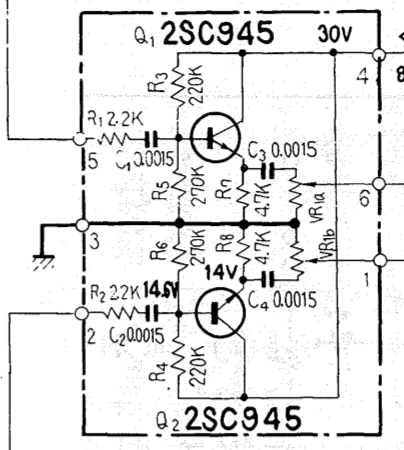
Equalizer matrix ass'y AWM-043



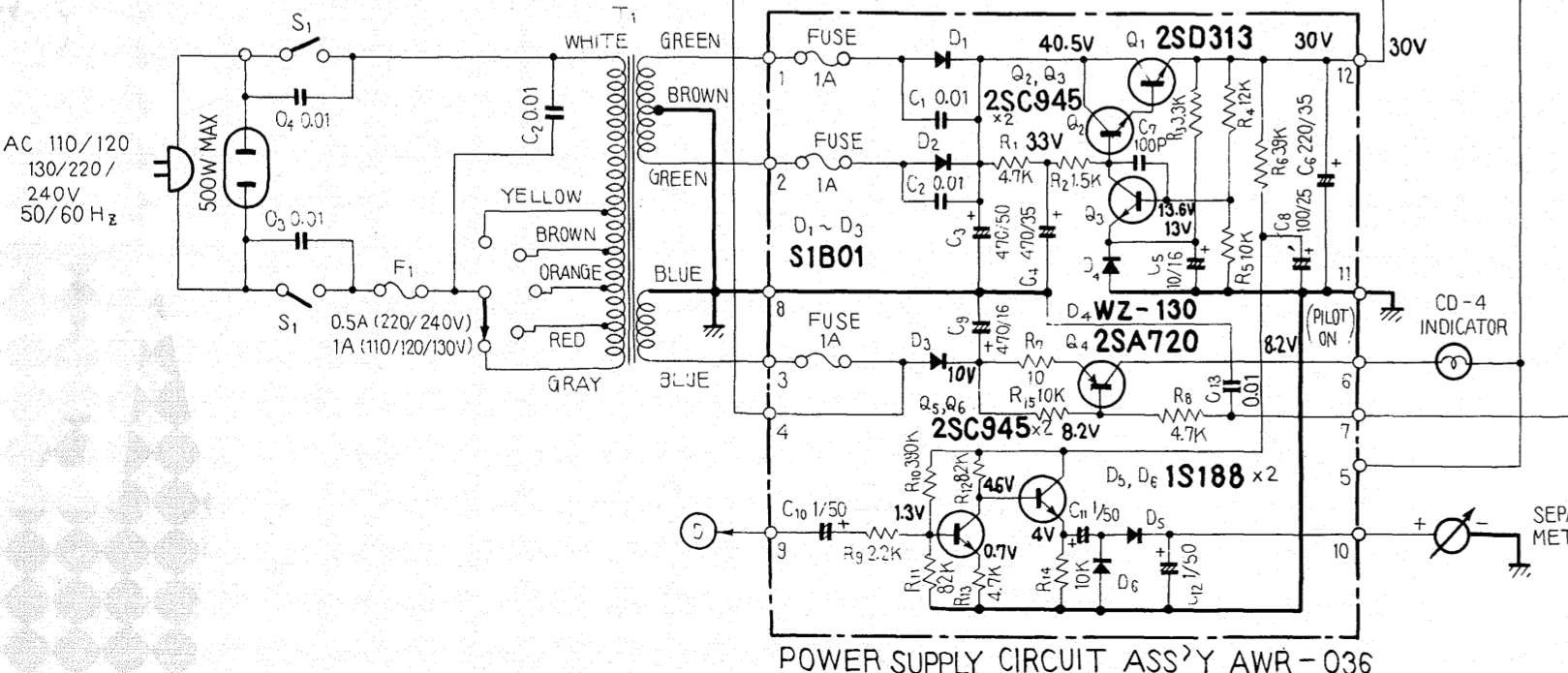
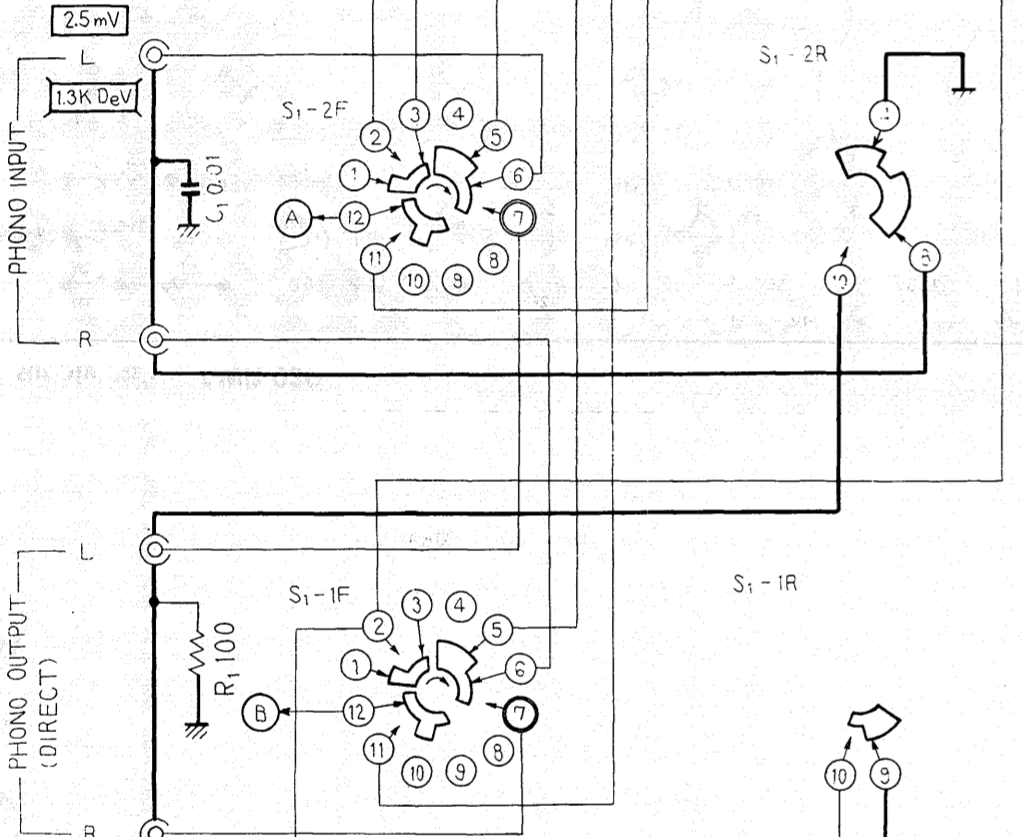
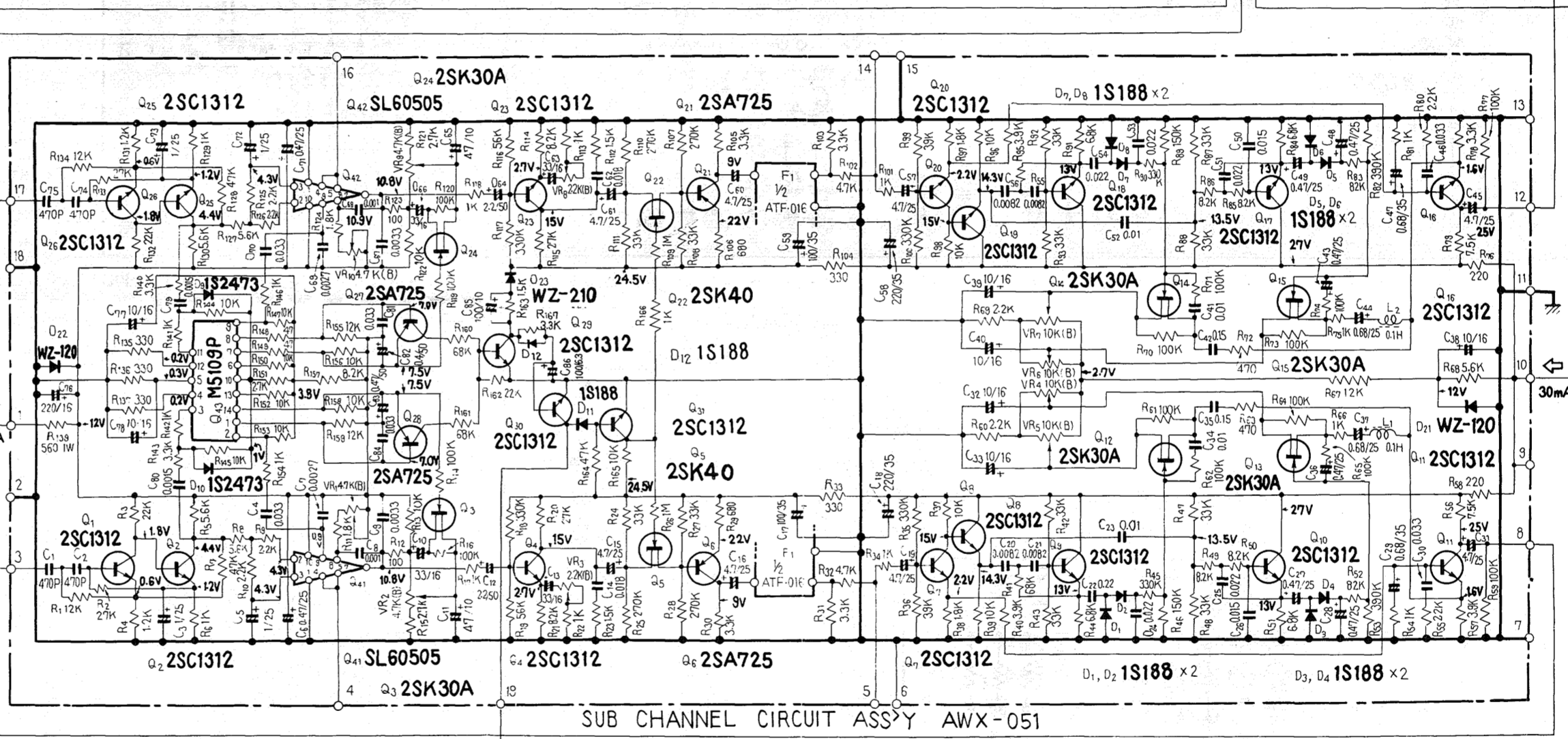
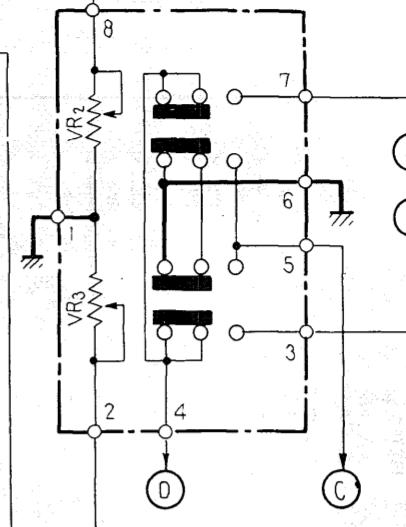
EQUALIZER MATRIX CIRCUIT ASS'Y AWM-043



CARRIER LEVEL VOLUME ASS'Y AWX-049



SEPARATION VOLUME ASS'Y AWX-050

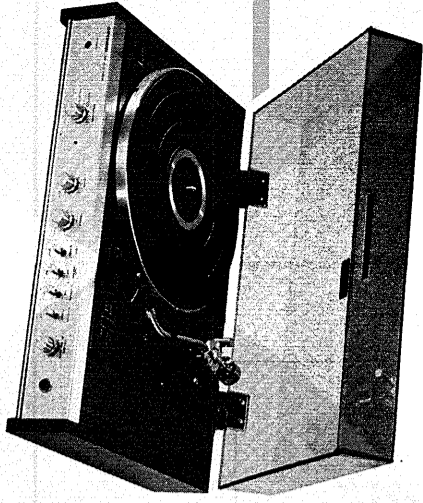


- SWITCHES
 S₁: MODE (2CH position)
 1. 2CH
 2. 4CH AUTO
 3. DIRECT
 S₂: POWER (OFF position)
 OFF → ON
- POTENTIOMETERS
 VR₁: CARRIER LEVEL
 VR₂, VR₃: SEPARATION

- RESISTORS
 IN OHM, 1/4W, ±5% TOLERANCE
 UNLESS OTHERWISE NOTED. K = KΩ, M = MΩ.

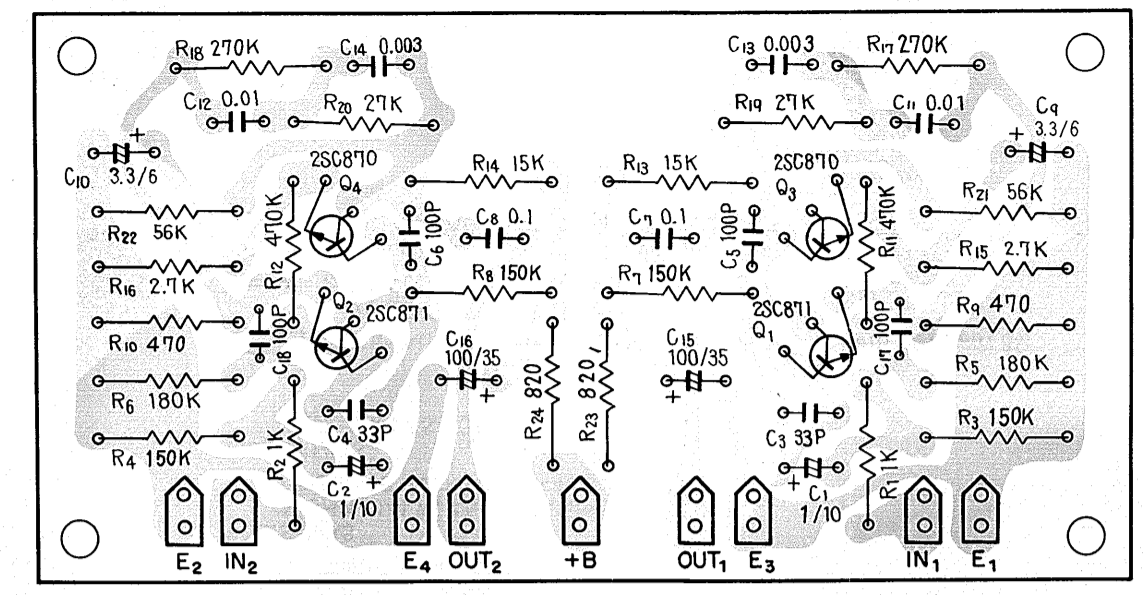
- CAPACITORS
 IN μF UNLESS OTHERWISE NOTED. p = pF.

- V: DC VOLTAGE AT NO INPUT SIGNAL.
 A: DC CURRENT AT NO INPUT SIGNAL.
 V: SIGNAL VOLTAGE AT 1KHz (2CH).
 V: SIGNAL VOLTAGE & DEVIATION AT 1KHz (4CH).

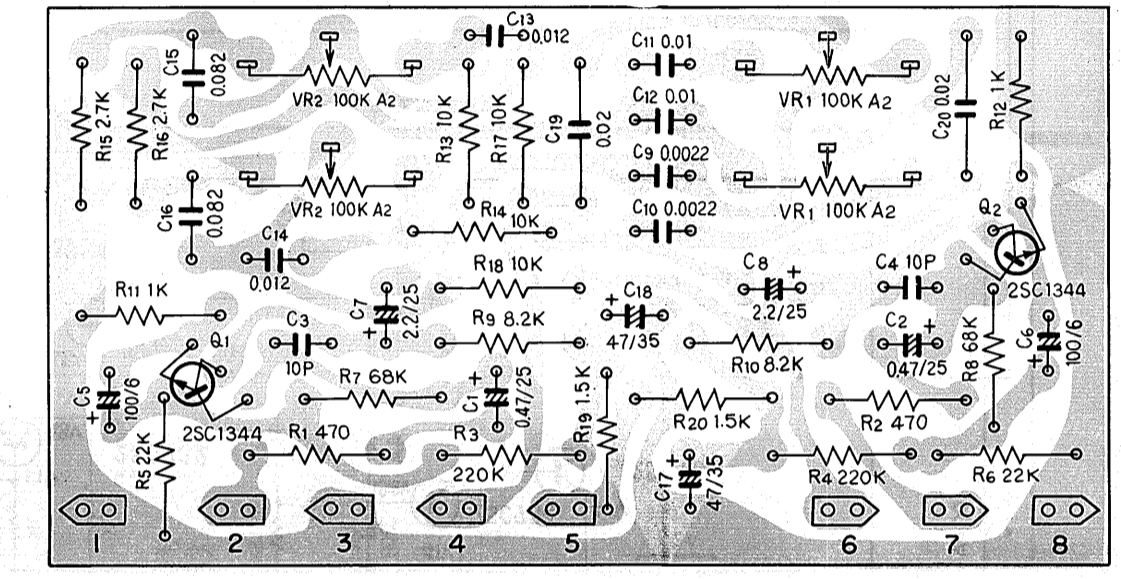


COMPACT STEREO
C-4500
 HV HVT
 16

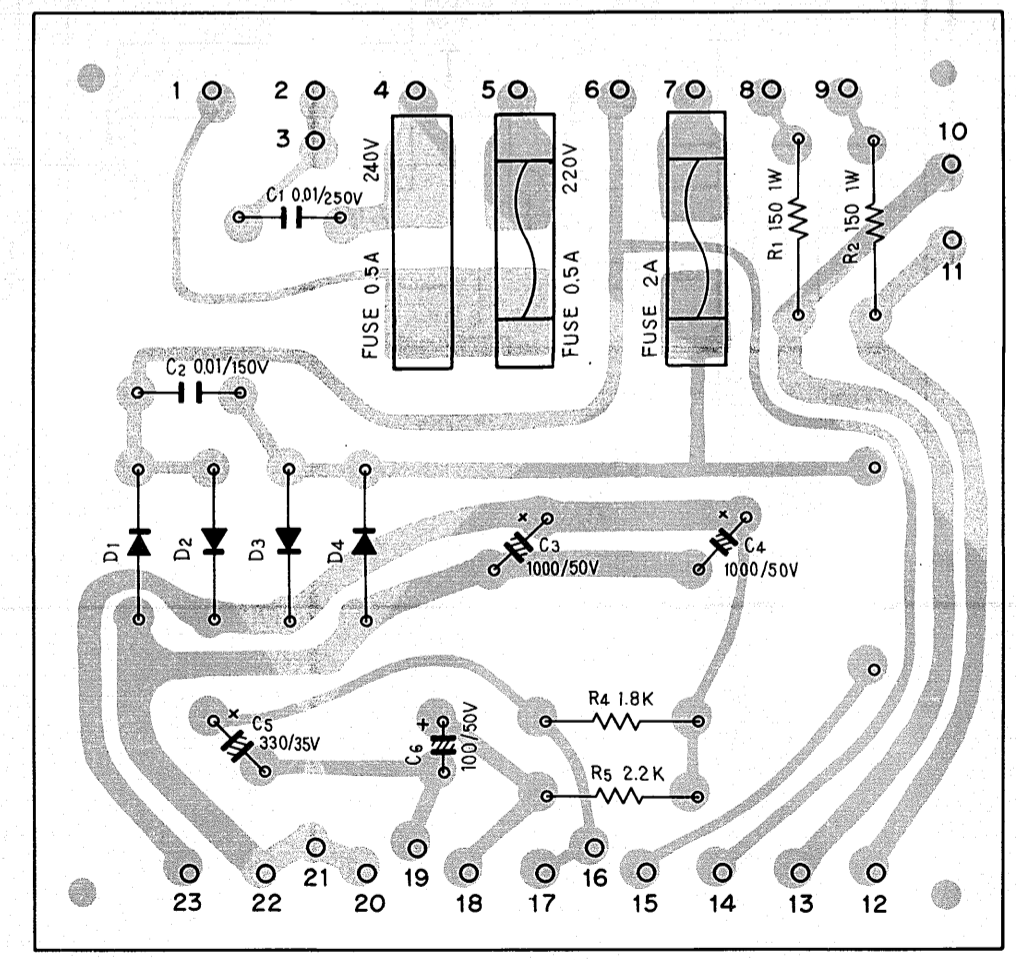
Equalizer amp ass'y AWF-001



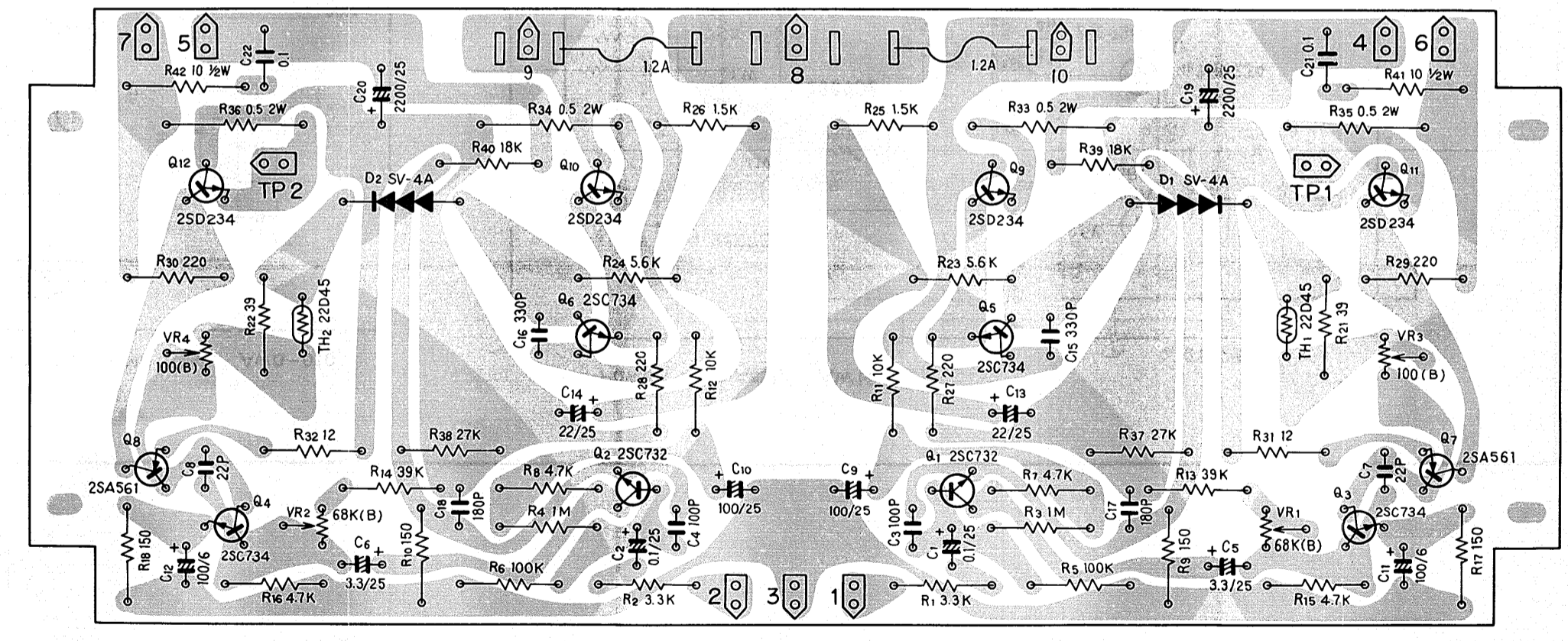
Control amp ass'y AWG-010



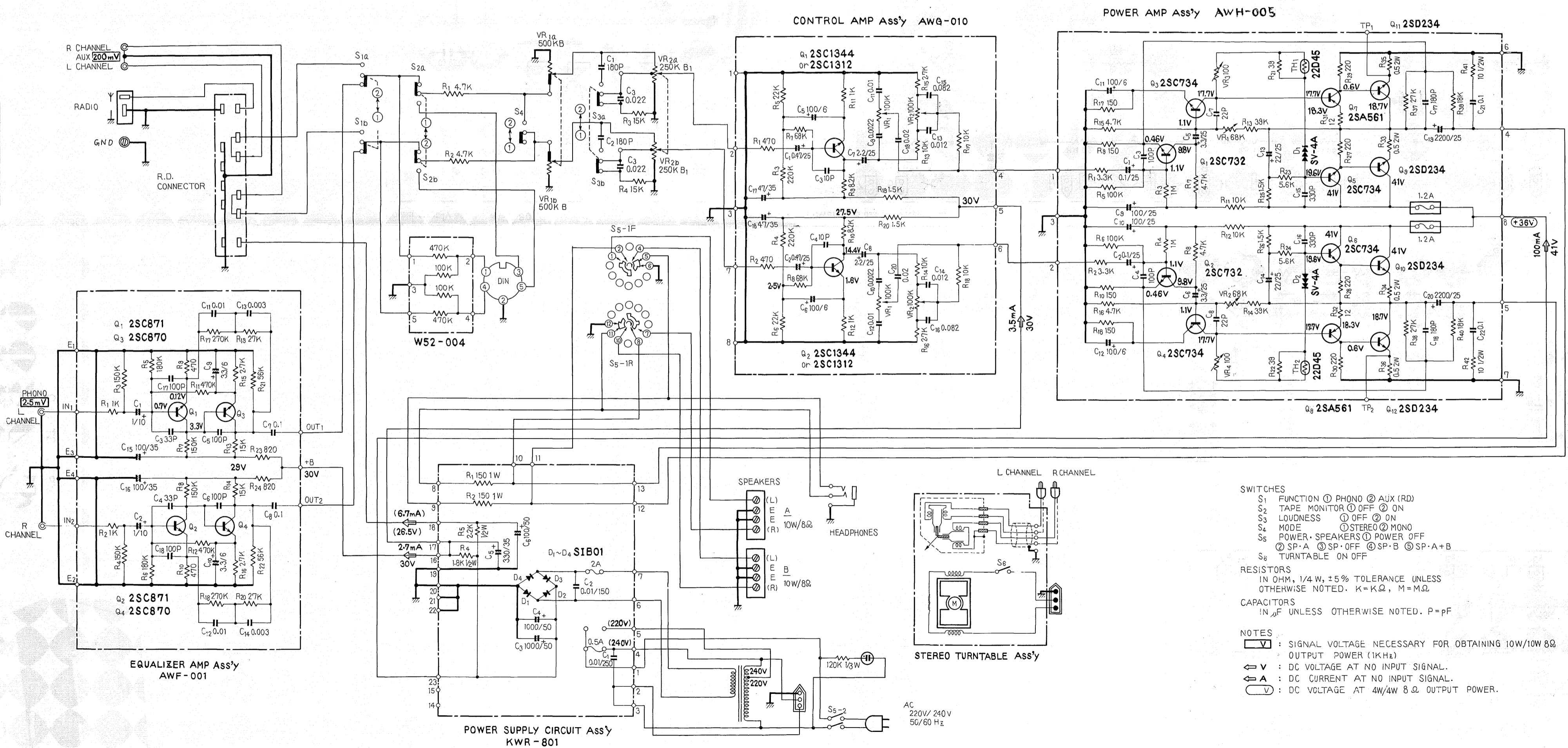
Power supply ass'y KWR-801



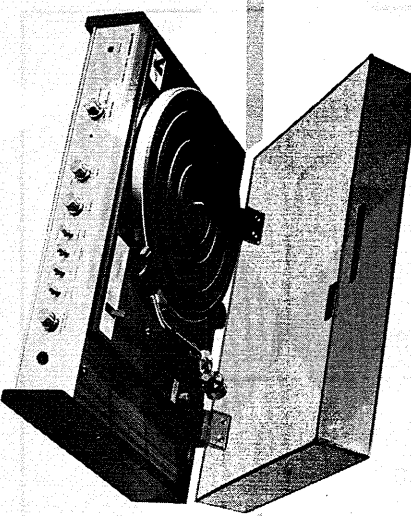
Power amp ass'y AWH-005



C-4500

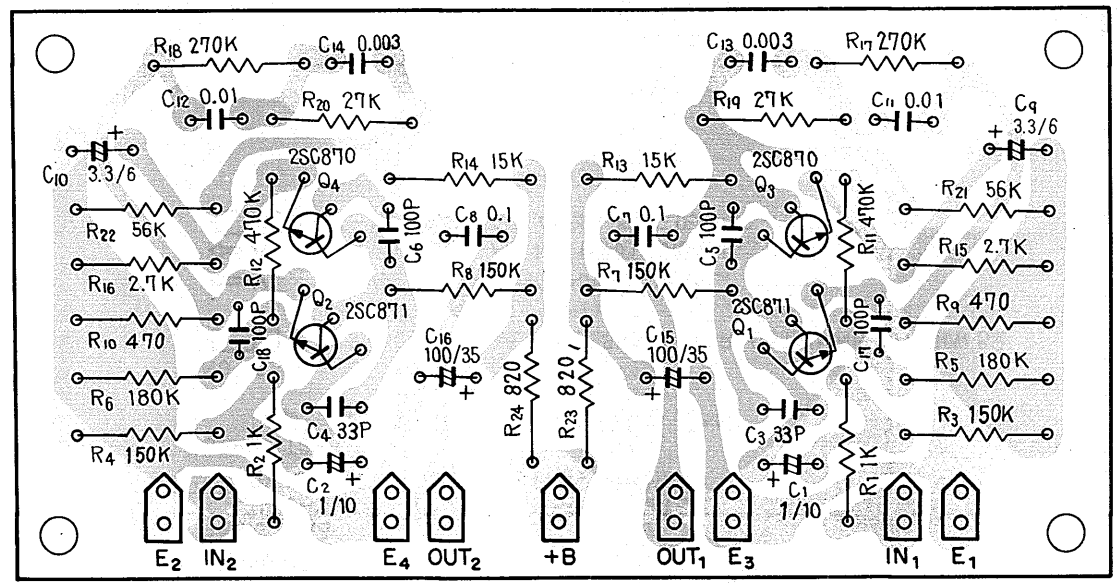


- SWITCHES**
- S₁ FUNCTION ① PHONO ② AUX (RD)
 - S₂ TAPE MONITOR ① OFF ② ON
 - S₃ LOUDNESS ① OFF ② ON
 - S₄ MODE ① STEREO ② MONO
 - S₅ POWER · SPEAKERS ① POWER OFF ② SP-A ③ SP-OFF ④ SP-B ⑤ SP-A+B
 - S₈ TURNTABLE ON OFF
- RESISTORS**
IN OHM, 1/4 W, ±5% TOLERANCE UNLESS OTHERWISE NOTED. K=KΩ, M=MΩ
- CAPACITORS**
IN μF UNLESS OTHERWISE NOTED. P=pF
- NOTES**
- ∇ : SIGNAL VOLTAGE NECESSARY FOR OBTAINING 10W/10W 8Ω OUTPUT POWER (1kHz)
 - \leftarrow V : DC VOLTAGE AT NO INPUT SIGNAL.
 - \leftarrow A : DC CURRENT AT NO INPUT SIGNAL.
 - ∇ : DC VOLTAGE AT 4W/4W 8Ω OUTPUT POWER.

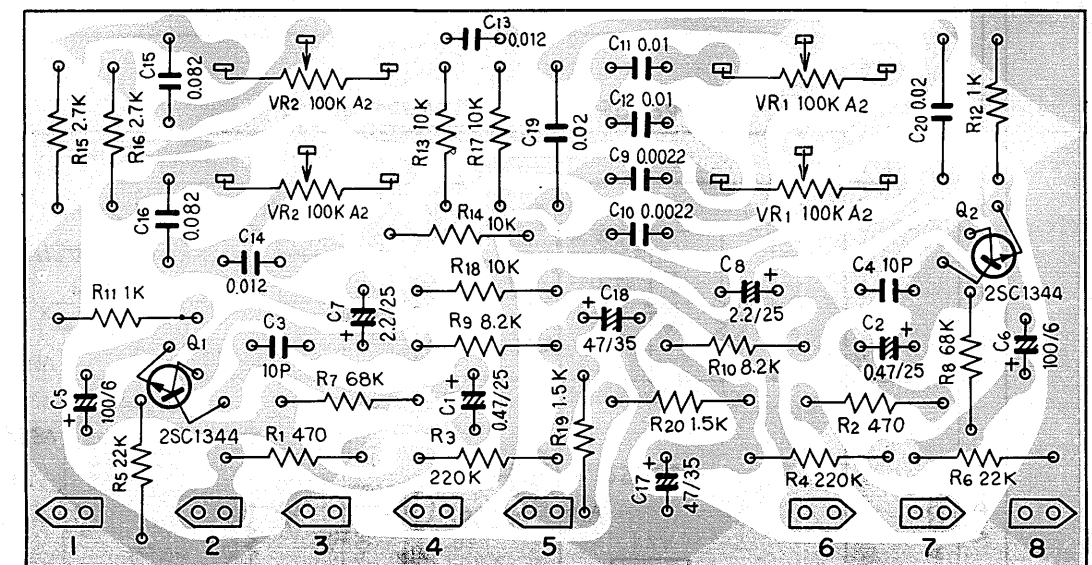


COMPACT STEREO
C-4500A
 HV HVT
 17

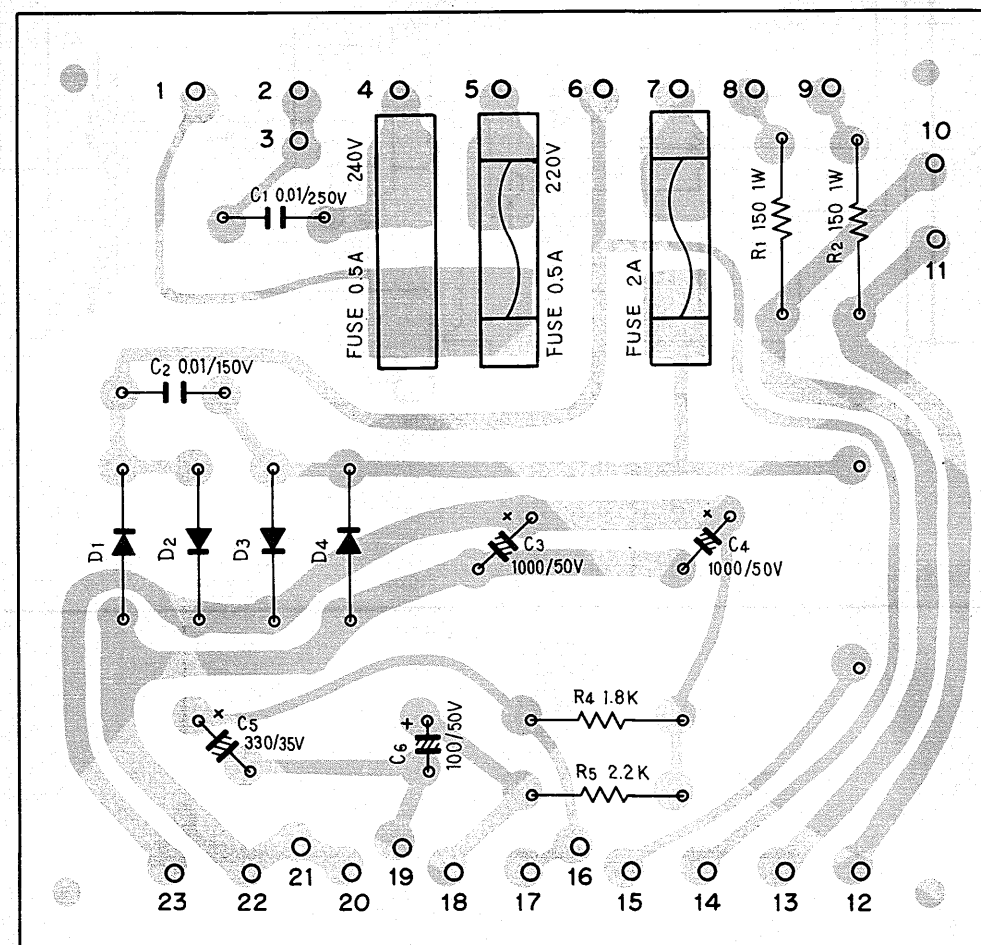
Equalizer amp ass'y AWF-001



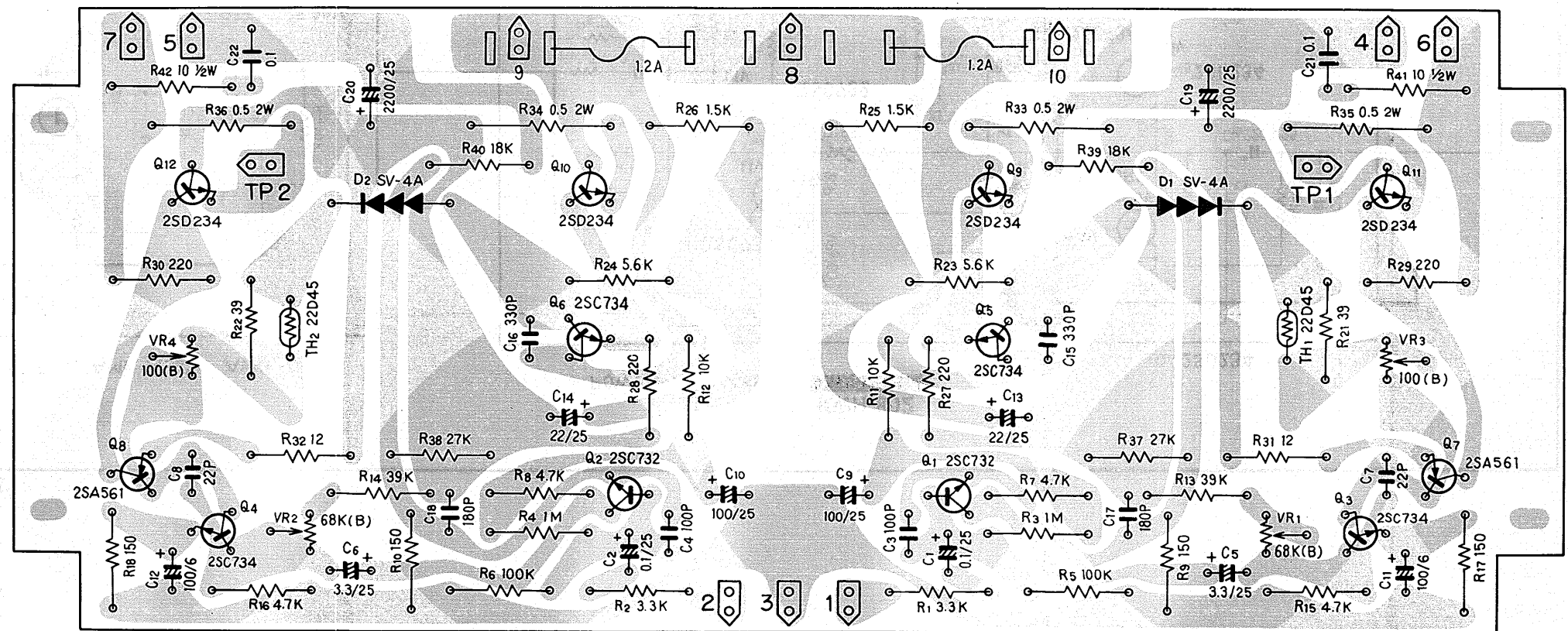
Control amp ass'y AWG-010



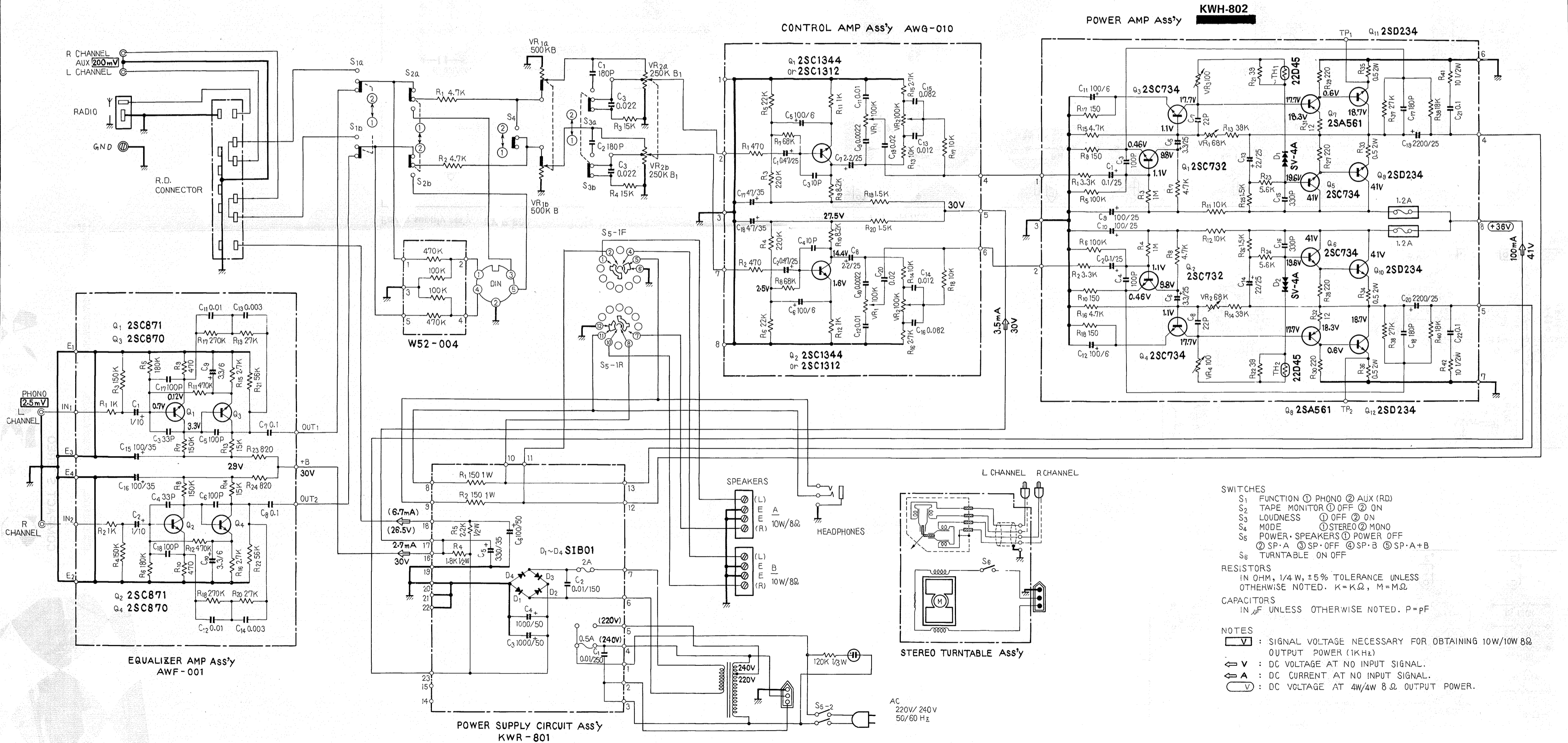
Power supply ass'y KWR-801



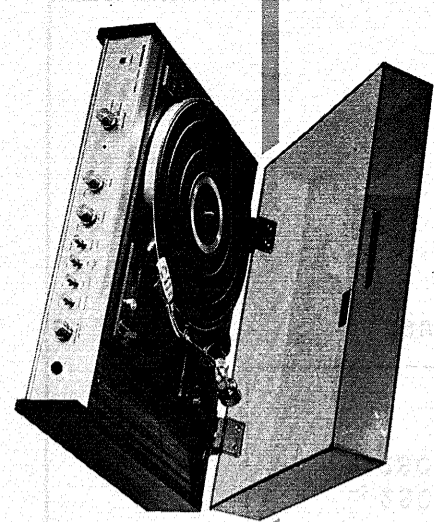
Power amp ass'y KWH-802



C-4500A

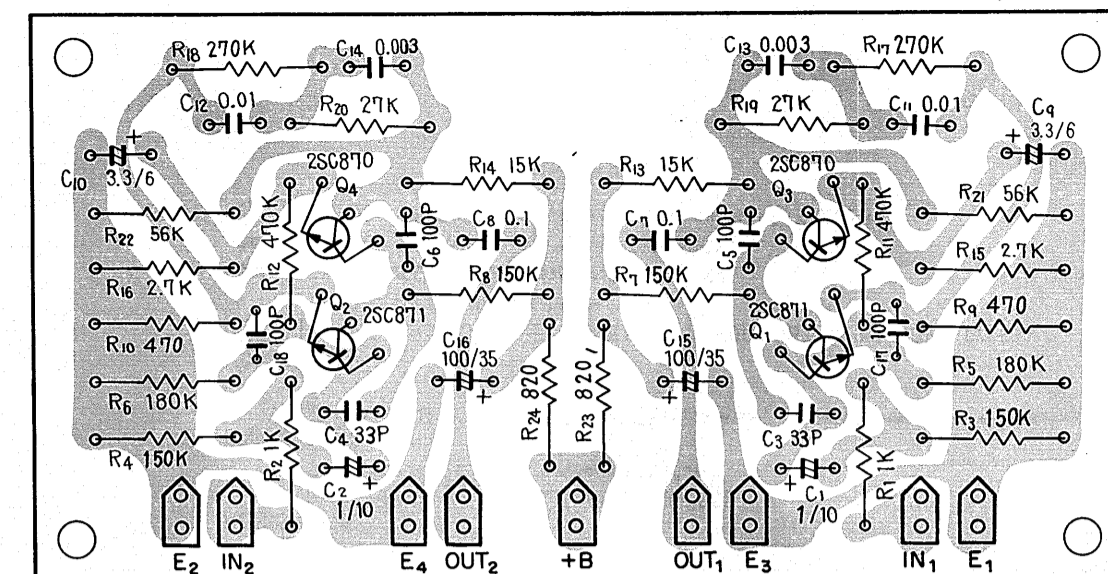


- SWITCHES**
- S₁ FUNCTION ① PHONO ② AUX (RD)
 - S₂ TAPE MONITOR ① OFF ② ON
 - S₃ LOUDNESS ① OFF ② ON
 - S₄ MODE ① STEREO ② MONO
 - S₅ POWER, SPEAKERS ① POWER OFF ② SP-A ③ SP-OFF ④ SP-B ⑤ SP-A+B
 - S₆ TURNTABLE ON OFF
- RESISTORS**
IN OHM, 1/4 W, ±5% TOLERANCE UNLESS OTHERWISE NOTED. K=KΩ, M=MΩ
- CAPACITORS**
IN μF UNLESS OTHERWISE NOTED. P=pF
- NOTES**
- : SIGNAL VOLTAGE NECESSARY FOR OBTAINING 10W/10W 8Ω OUTPUT POWER (1KHz)
 - : DC VOLTAGE AT NO INPUT SIGNAL.
 - : DC CURRENT AT NO INPUT SIGNAL.
 - : DC VOLTAGE AT 4W/4W 8Ω OUTPUT POWER.

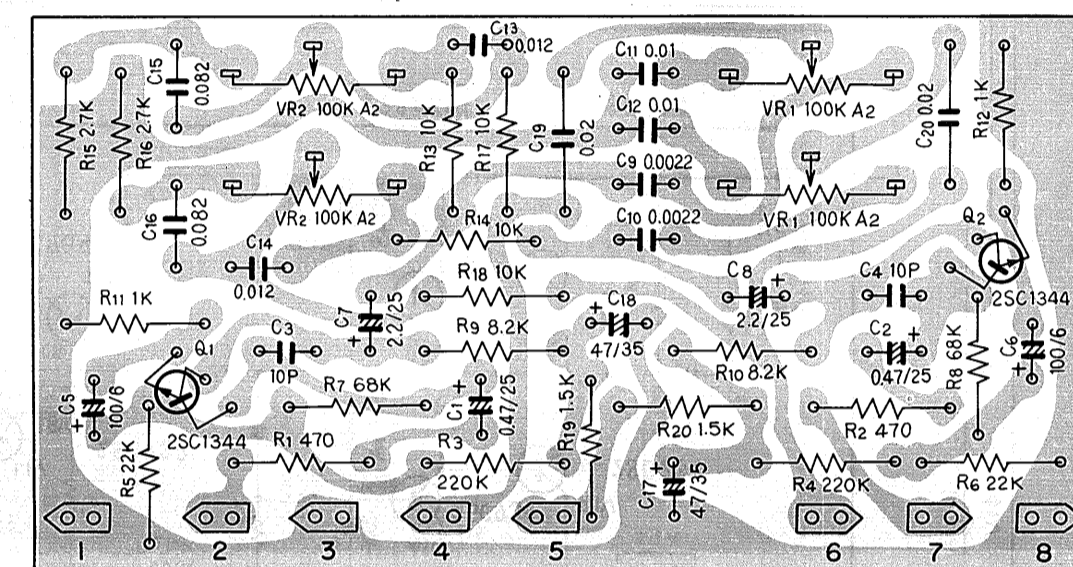


COMPACT STEREO
C-4600
 HV HVT
 18

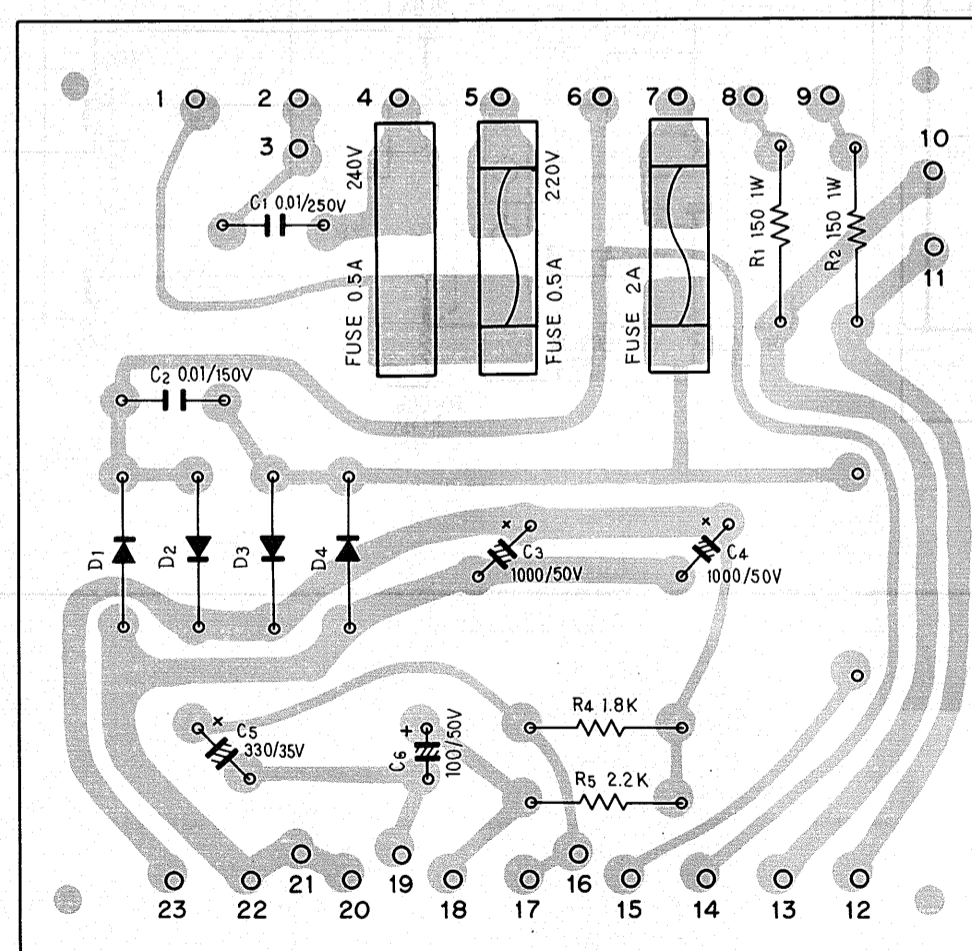
Equalizer amp ass'y AWF-001



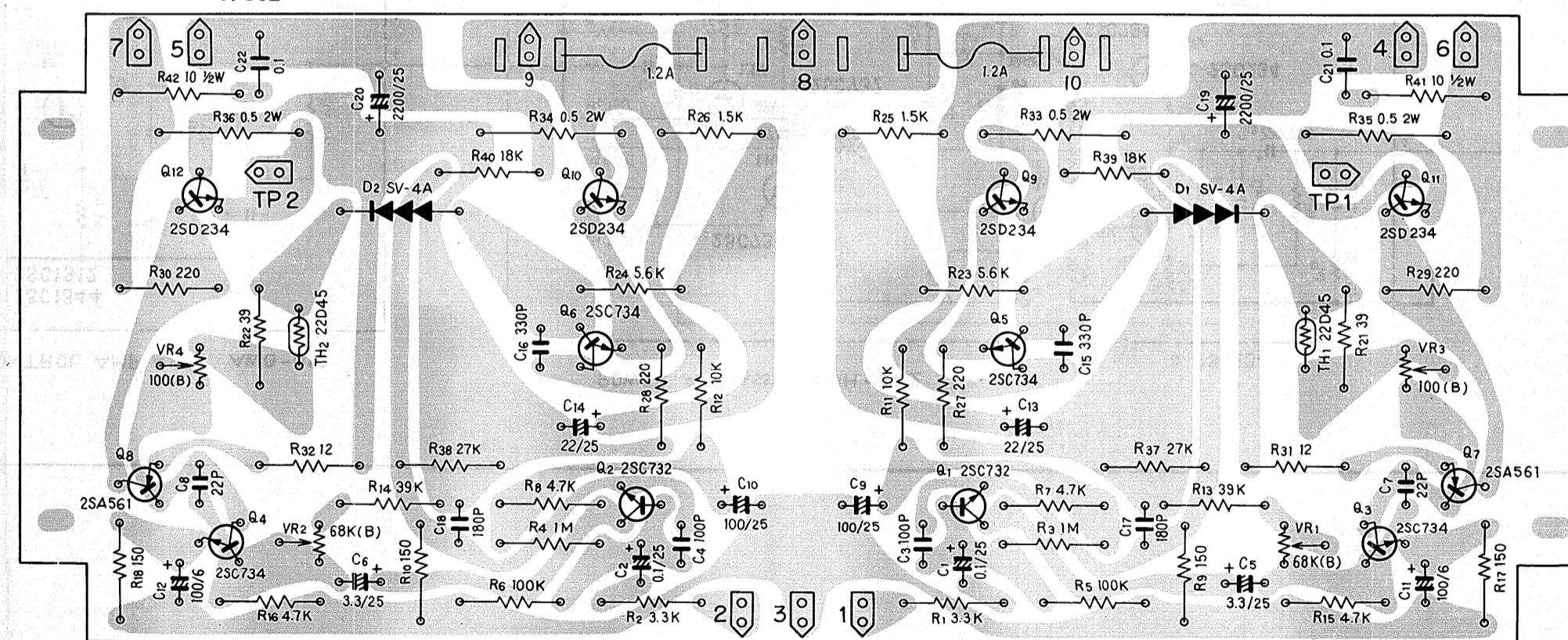
Control amp ass'y AWG-010



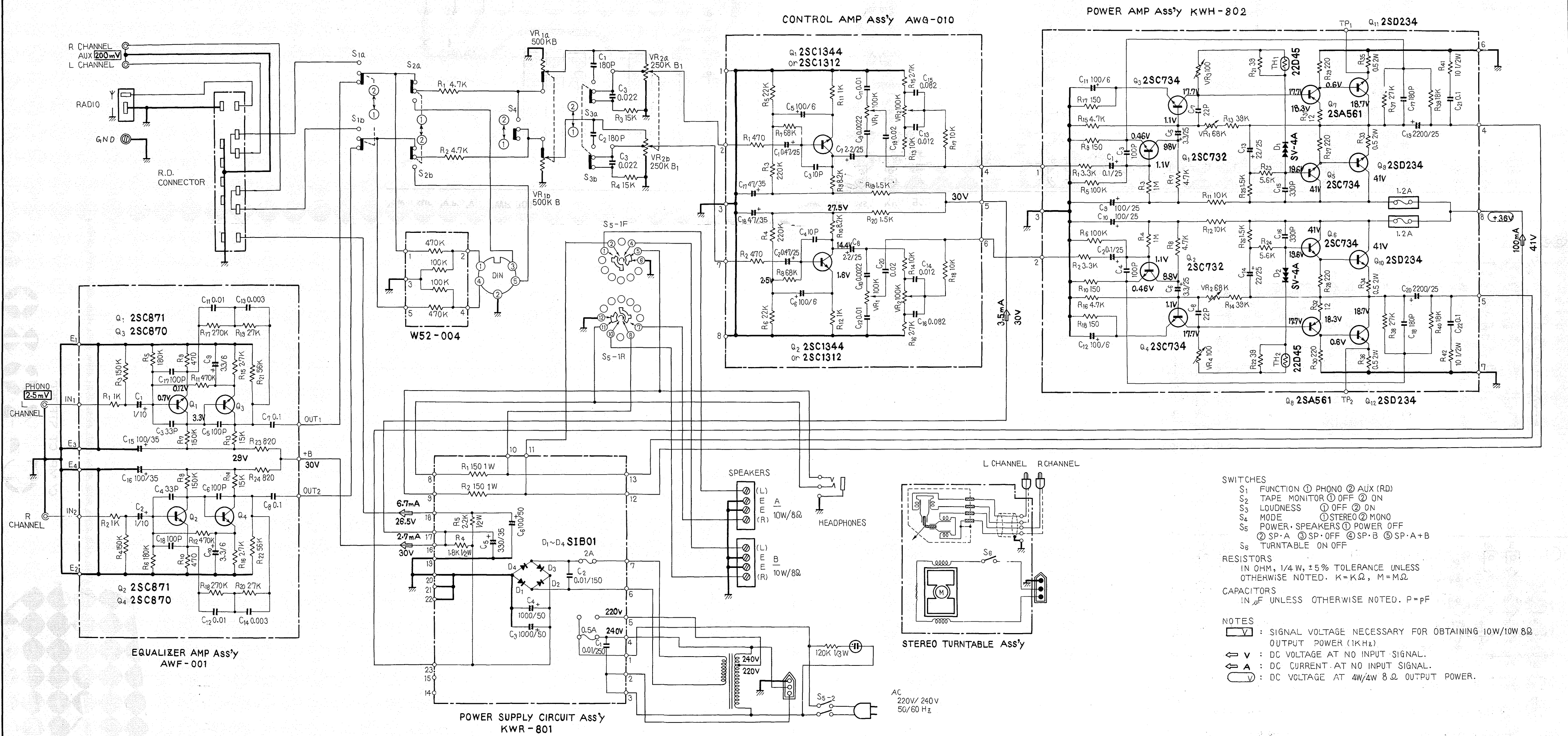
Power supply ass'y KWR-801



Power amp ass'y KWH-802

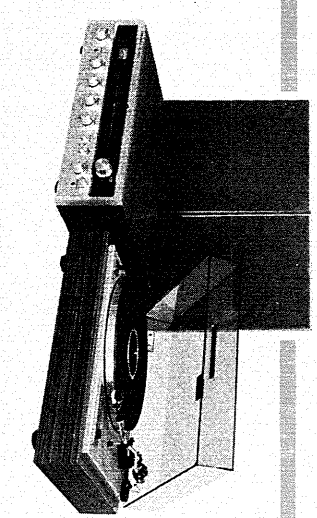


C-4600



- SWITCHES**
- S₁ FUNCTION ① PHONO ② AUX (RD)
 - S₂ TAPE MONITOR ① OFF ② ON
 - S₃ LOUDNESS ① OFF ② ON
 - S₄ MODE ① STEREO ② MONO
 - S₅ POWER · SPEAKERS ① POWER OFF ② SP · A ③ SP · OFF ④ SP · B ⑤ SP · A+B
 - S₆ TURNTABLE ON OFF
- RESISTORS**
IN OHM, 1/4 W, ±5% TOLERANCE UNLESS OTHERWISE NOTED. K=KΩ, M=MΩ
- CAPACITORS**
IN μF UNLESS OTHERWISE NOTED. P=pF
- NOTES**
- : SIGNAL VOLTAGE NECESSARY FOR OBTAINING 10W/10W 8Ω OUTPUT POWER (1KHz)
 - : DC VOLTAGE AT NO INPUT SIGNAL.
 - : DC CURRENT AT NO INPUT SIGNAL.
 - : DC VOLTAGE AT 4W/4W 8Ω OUTPUT POWER.

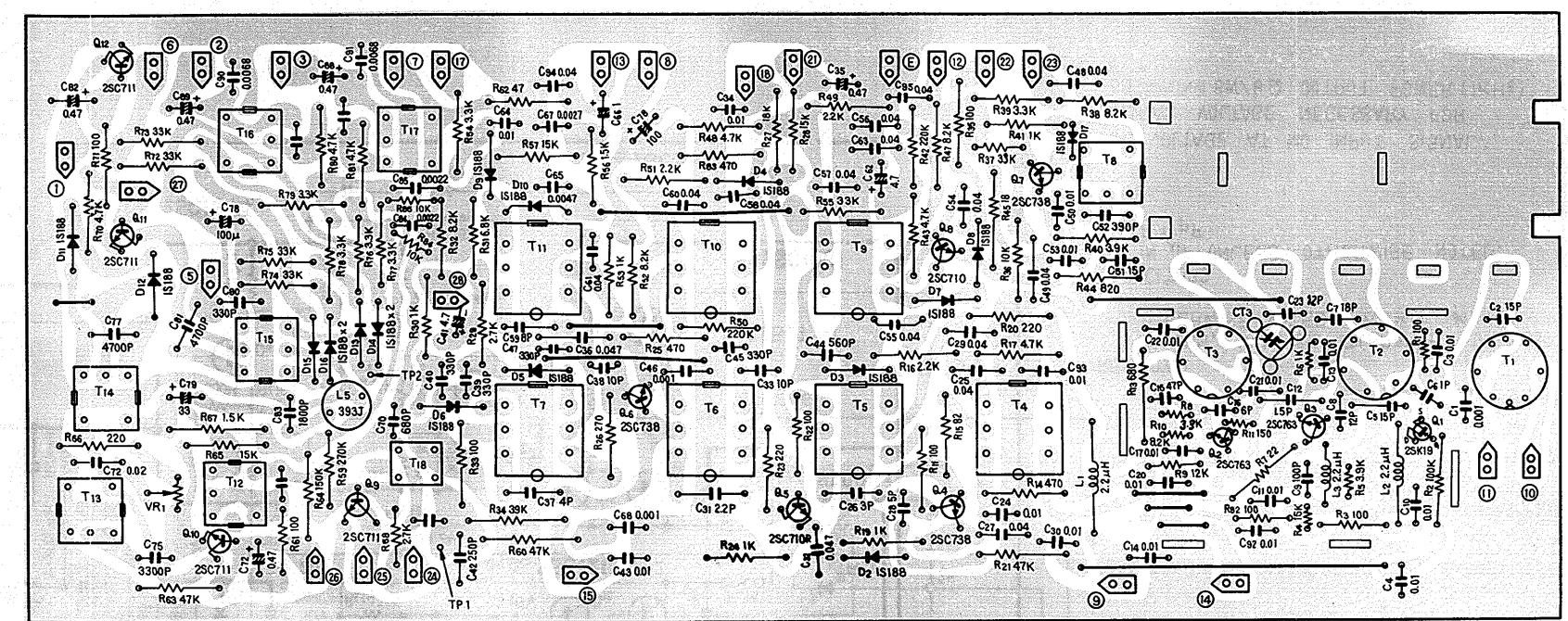
AC 220V/240V
50/60 Hz



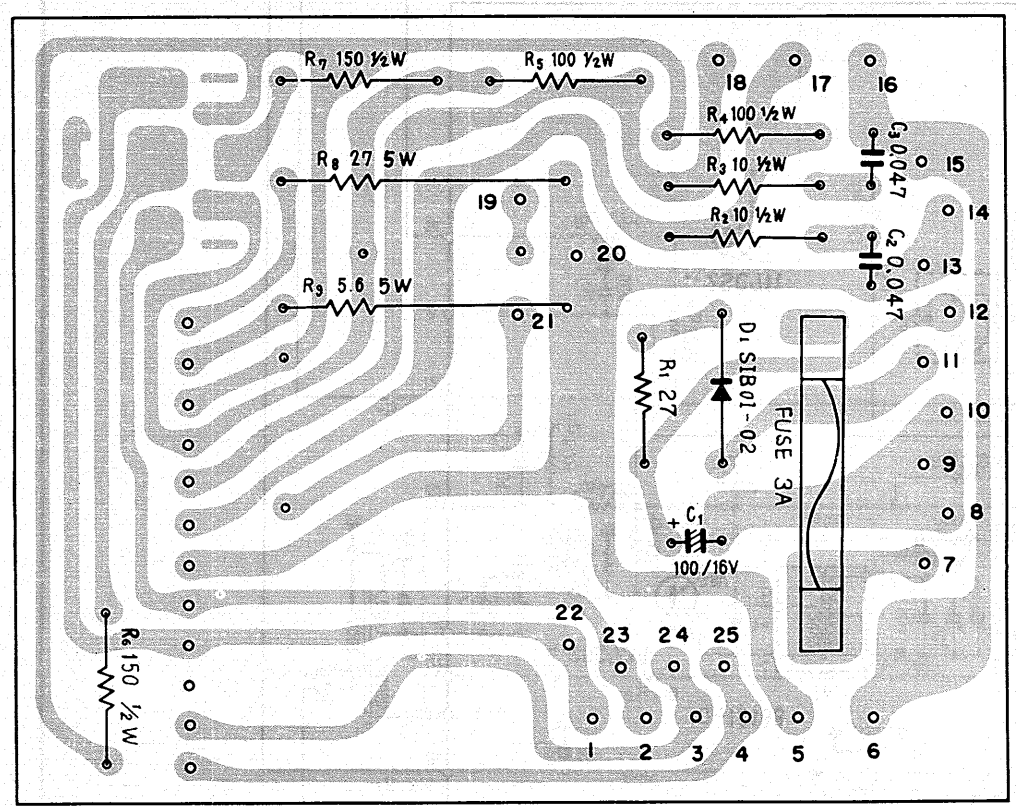
SYSTEM STEREO
Honda-3000
 MSA

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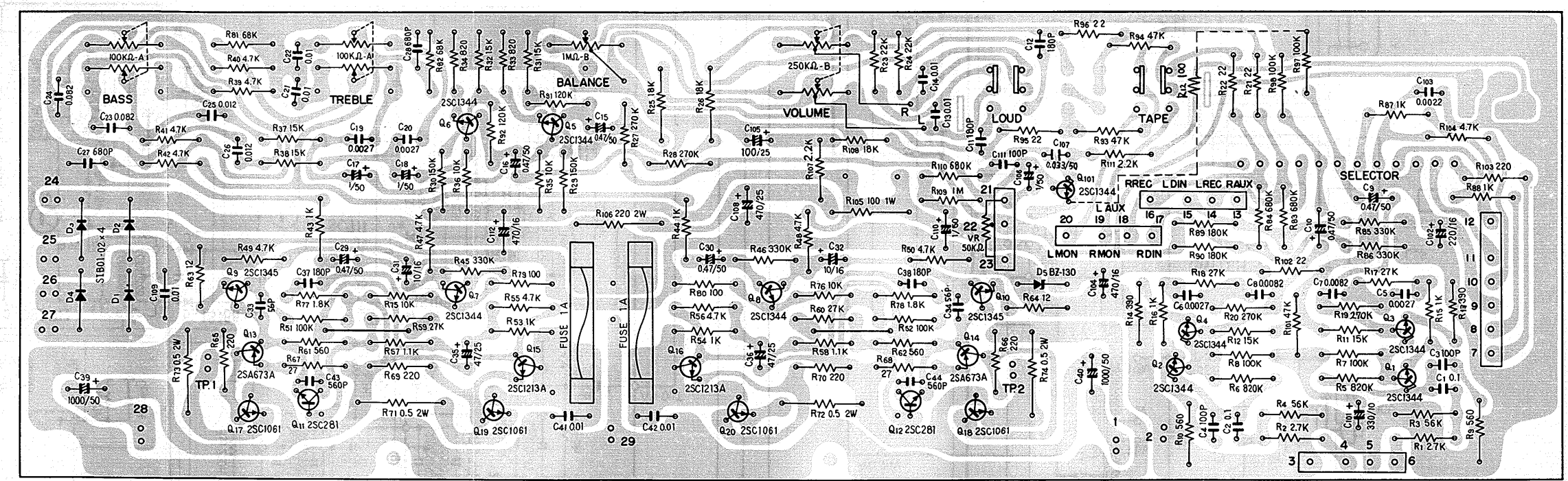
Tuner ass'y KWE-802



Switch circuit ass'y KWS-801

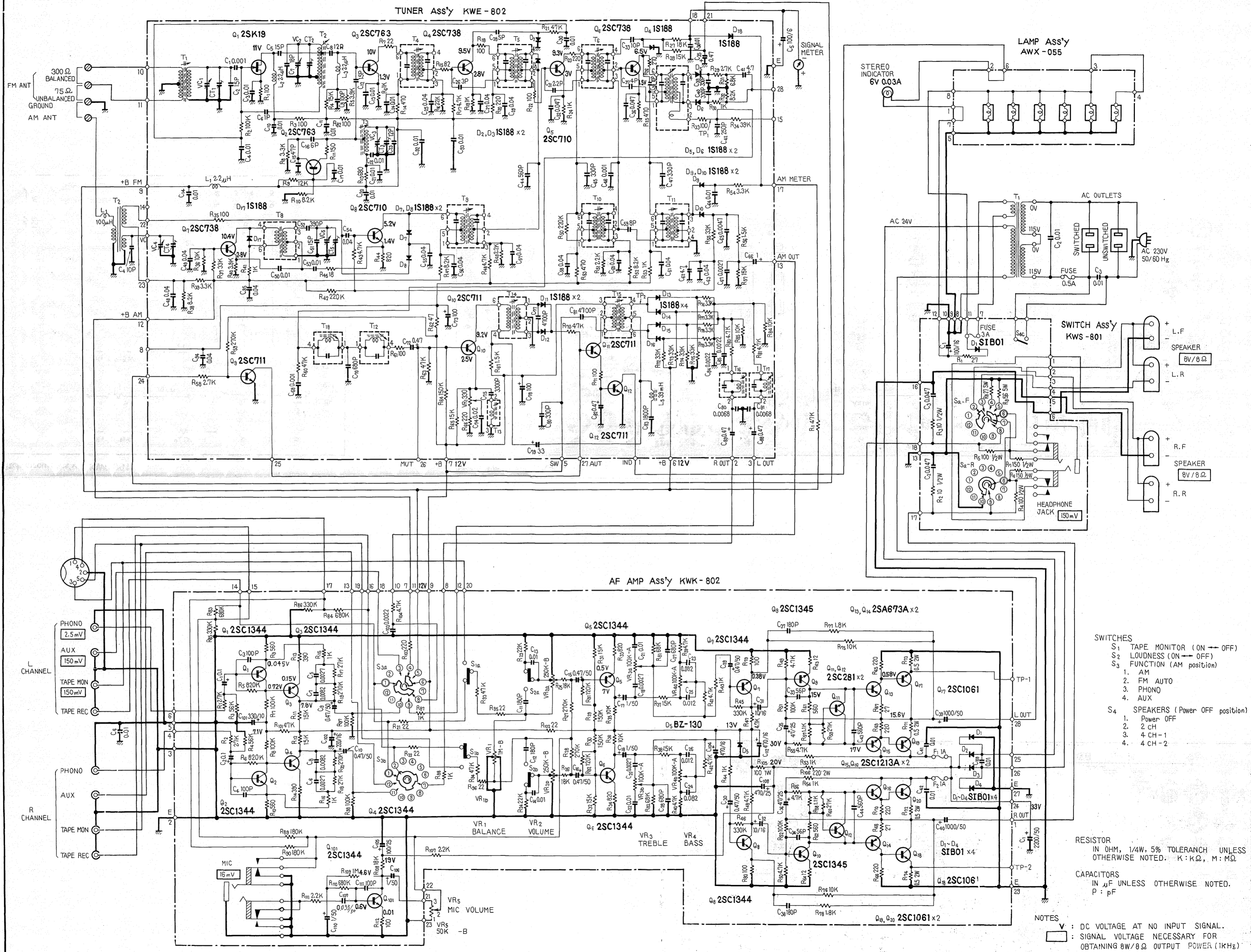


AF amp ass'y KWK-802



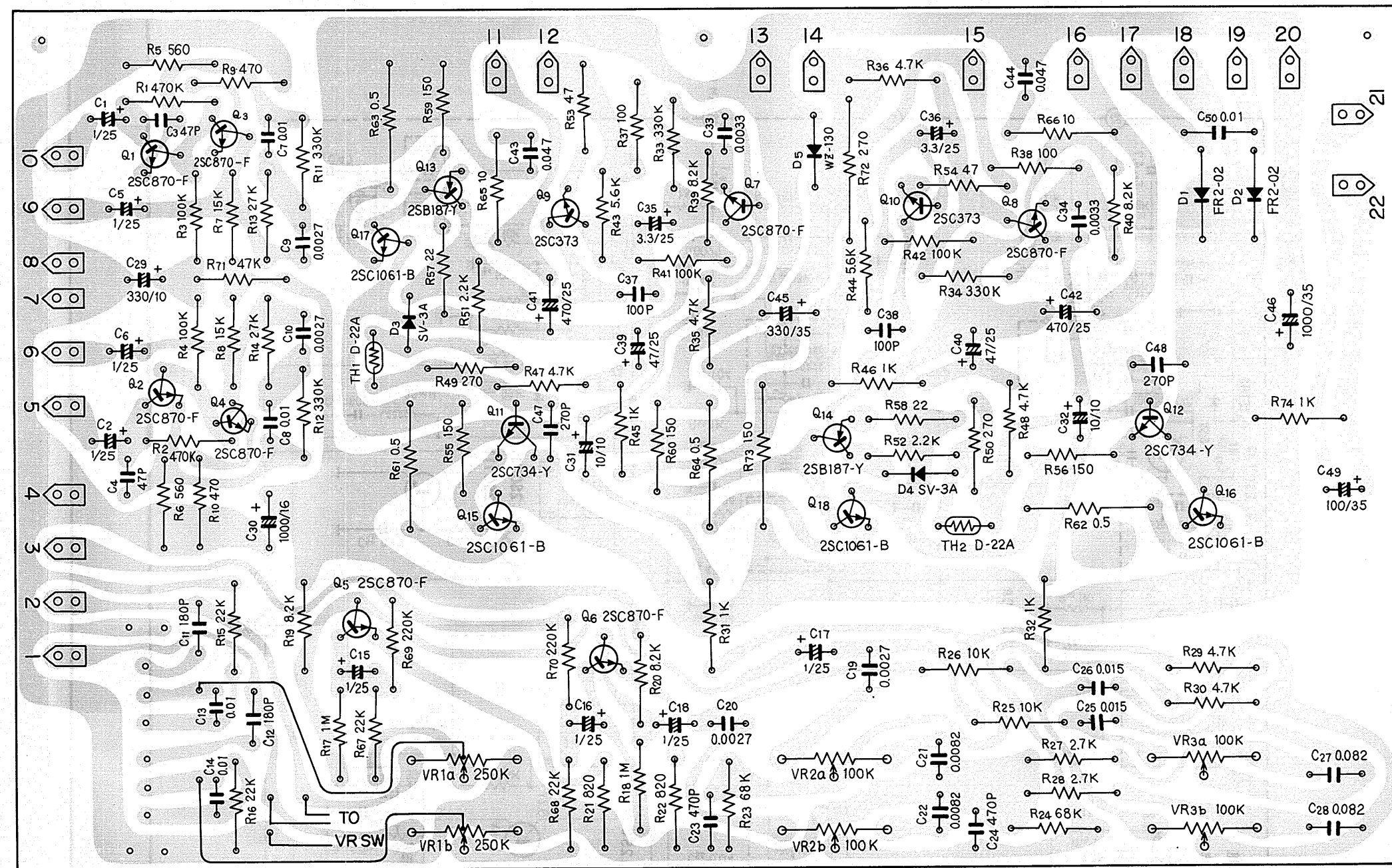
HONDA 3000

RONDO 3000

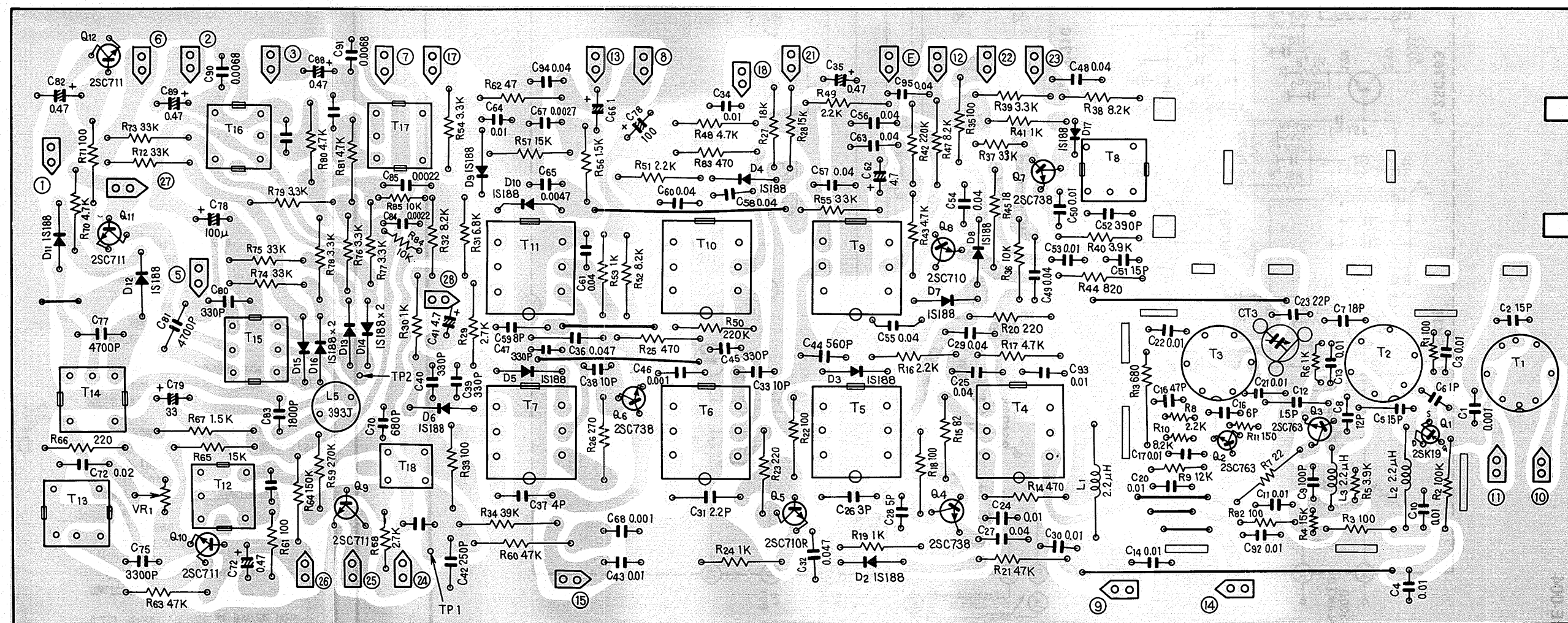


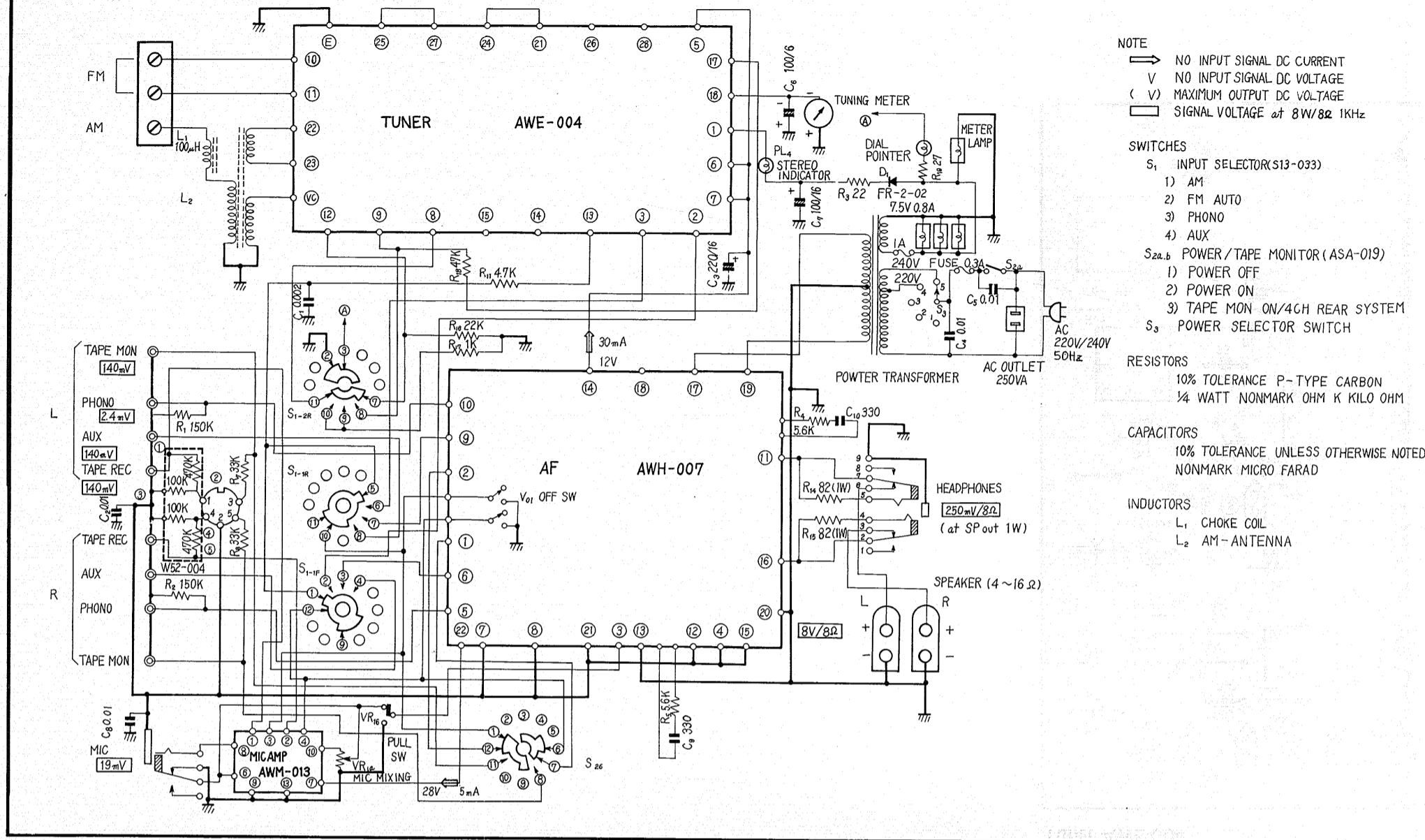
- SWITCHES**
- S₁ TAPE MONITOR (ON → OFF)
 - S₂ LOUDNESS (ON → OFF)
 - S₃ FUNCTION (AM position)
 - 1. AM
 - 2. FM AUTO
 - 3. PHONO
 - 4. AUX
 - S₄ SPEAKERS (Power OFF position)
 - 1. Power OFF
 - 2. 2 CH
 - 3. 4 CH-1
 - 4. 4 CH-2

AF ass'y AWH-007

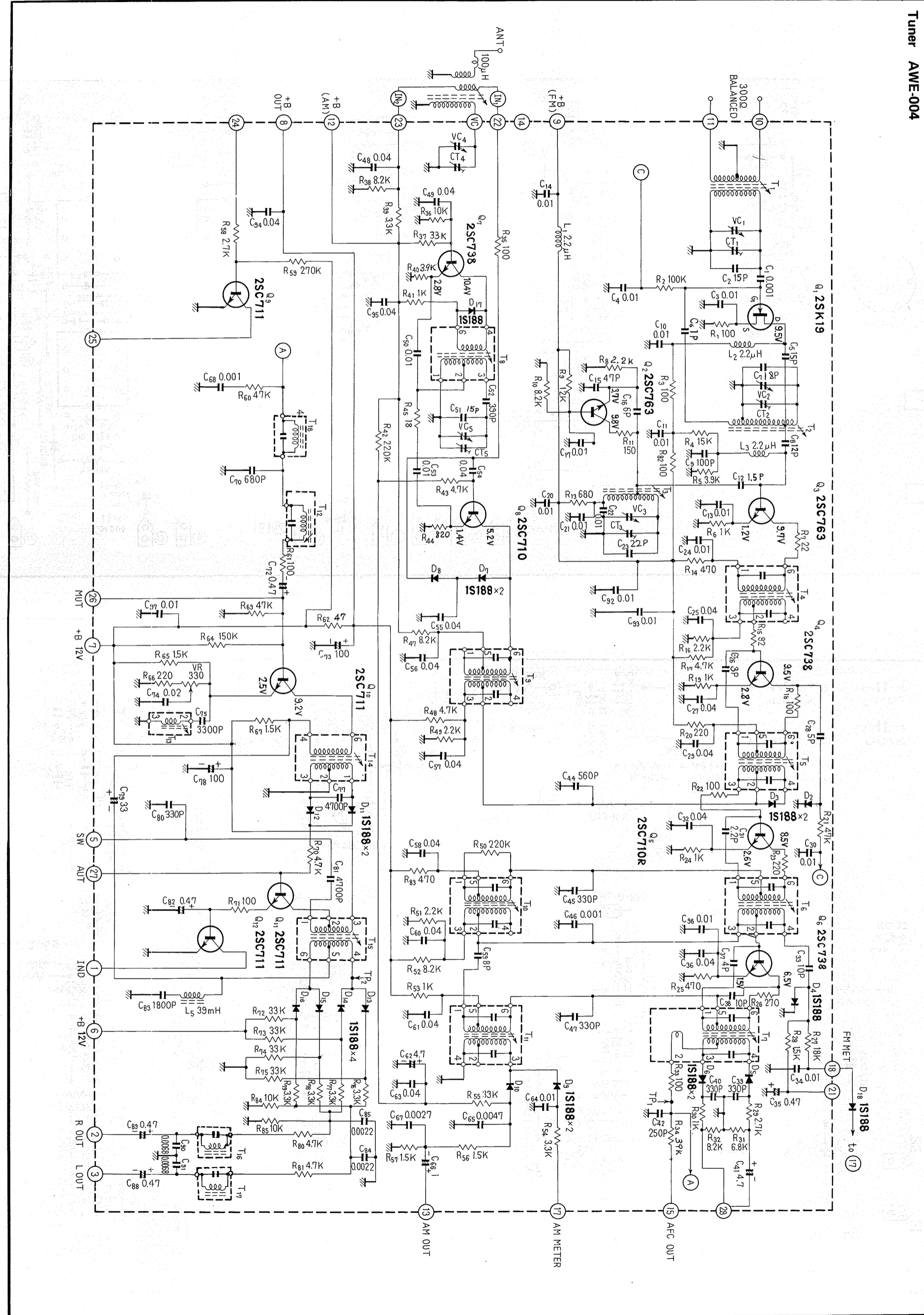
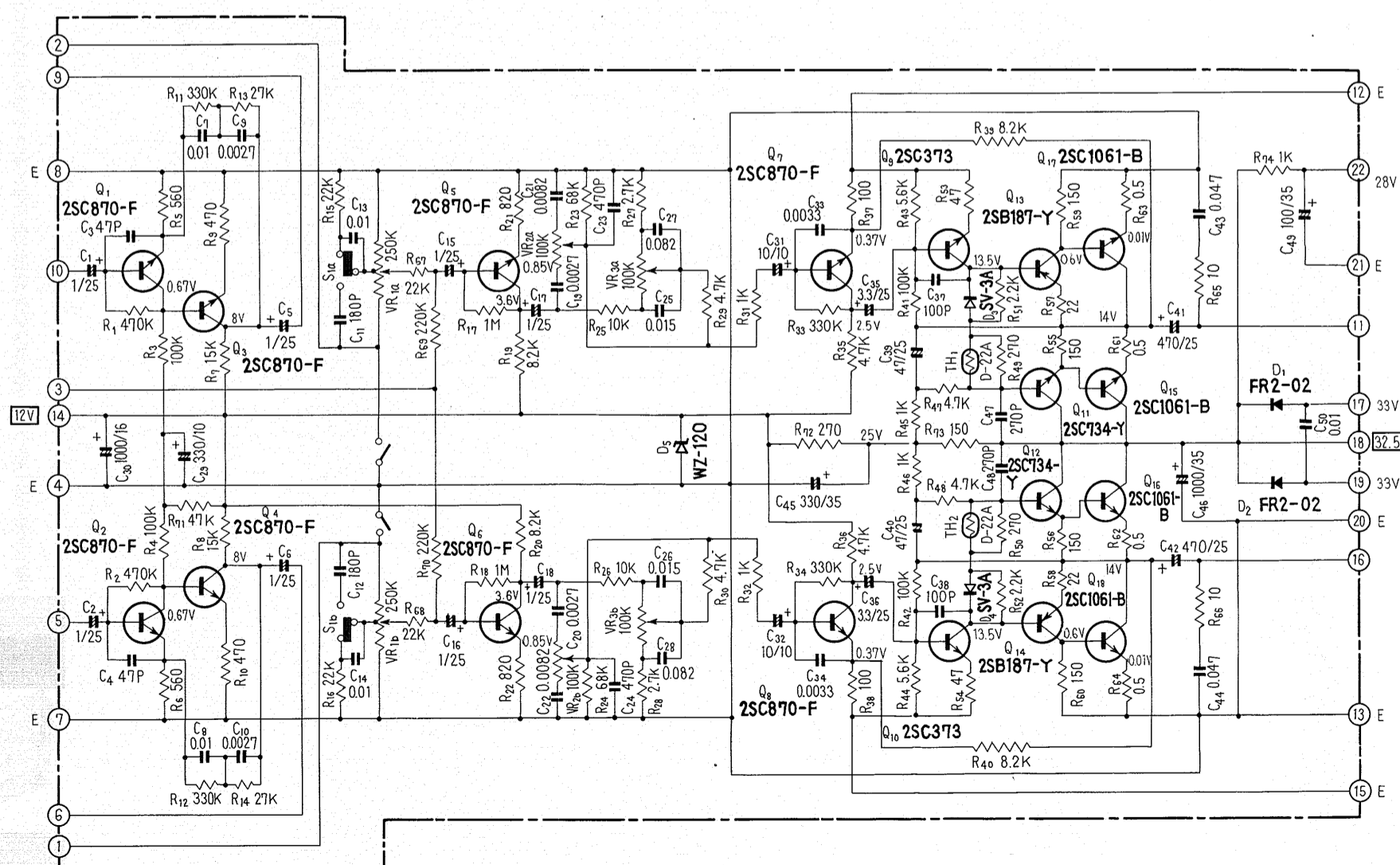


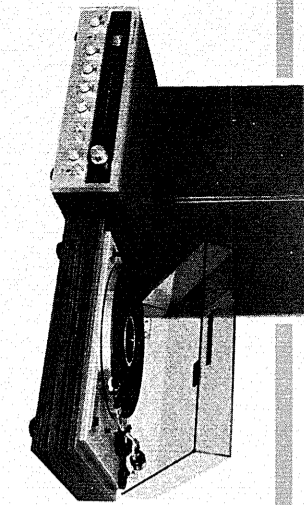
Tuner AWE-004





AF ass'y AWH-007

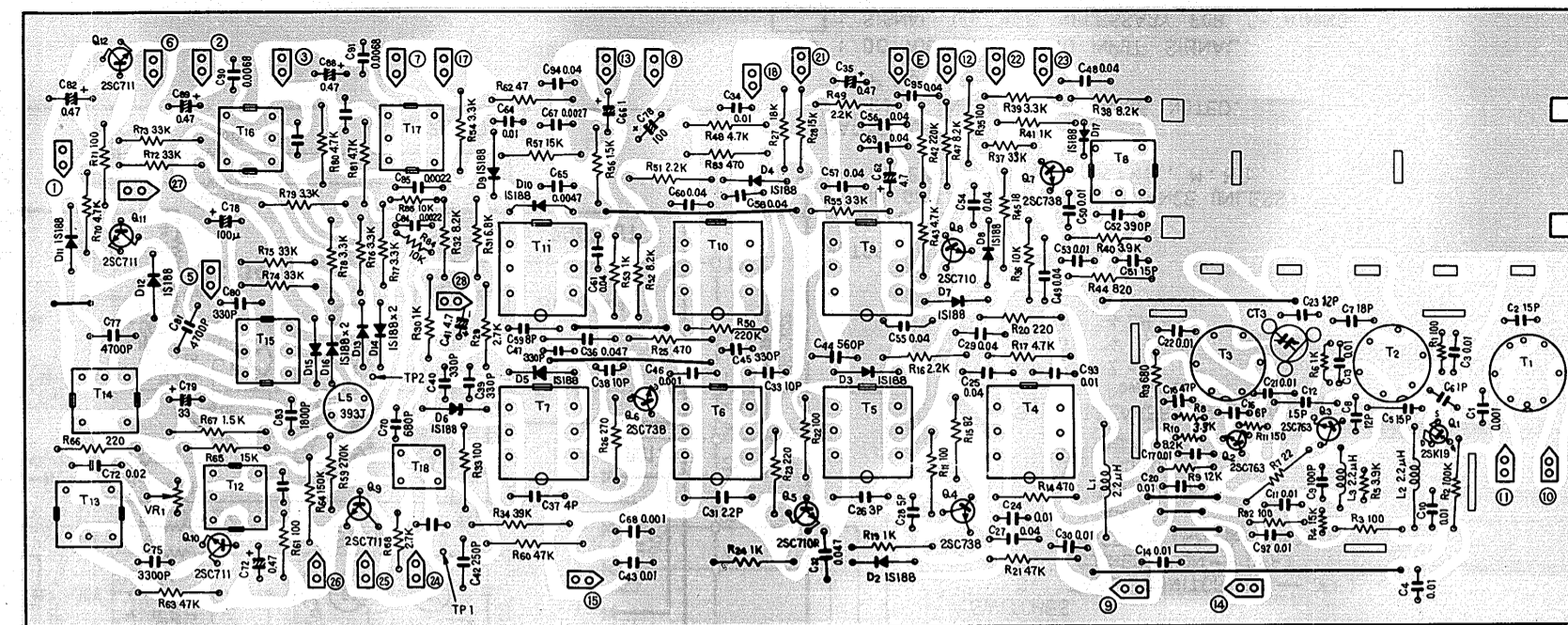




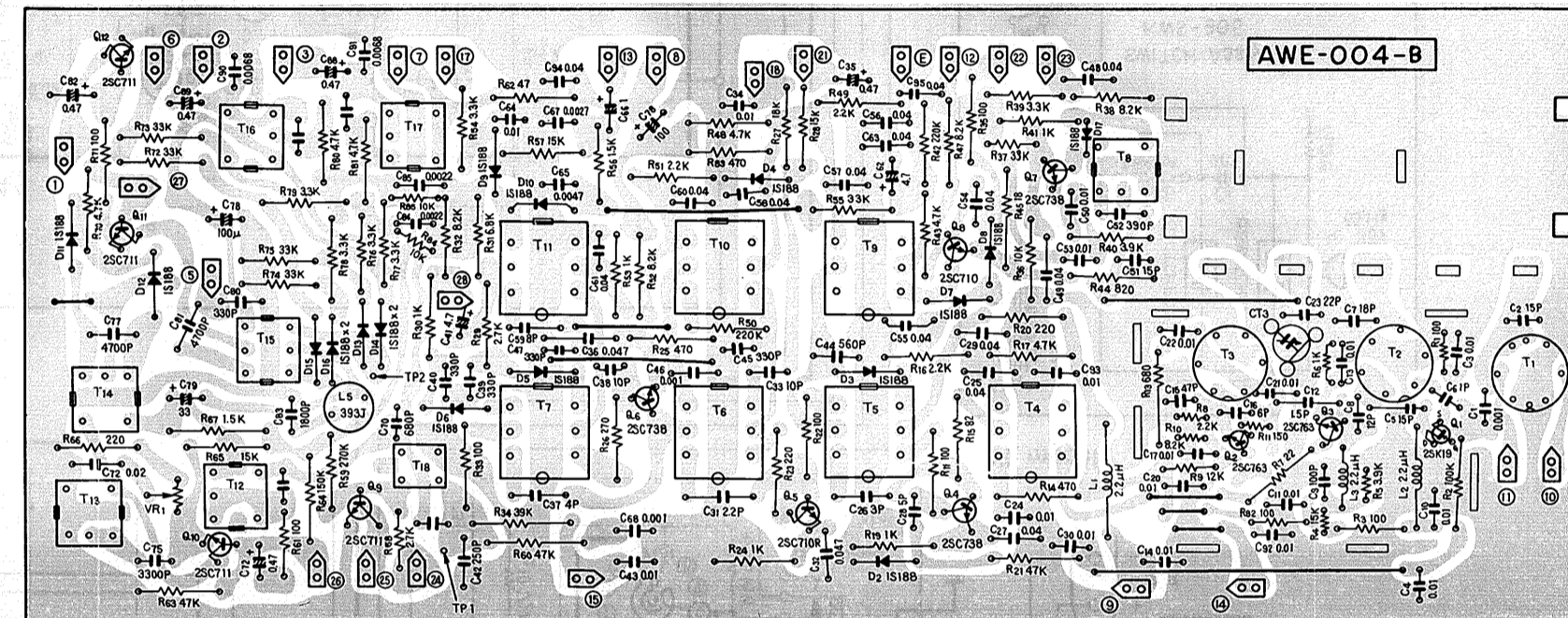
SYSTEM STEREO
ES-2000
K KCT M MSA

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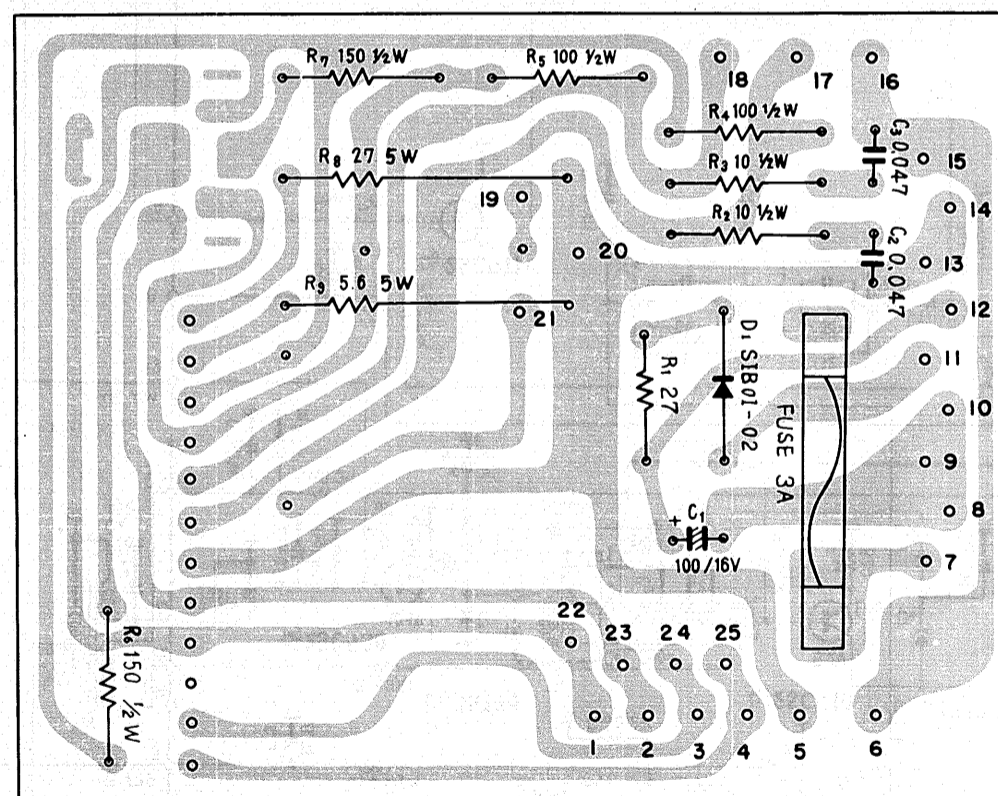
Tuner ass'y KWE-802 (MSA model)



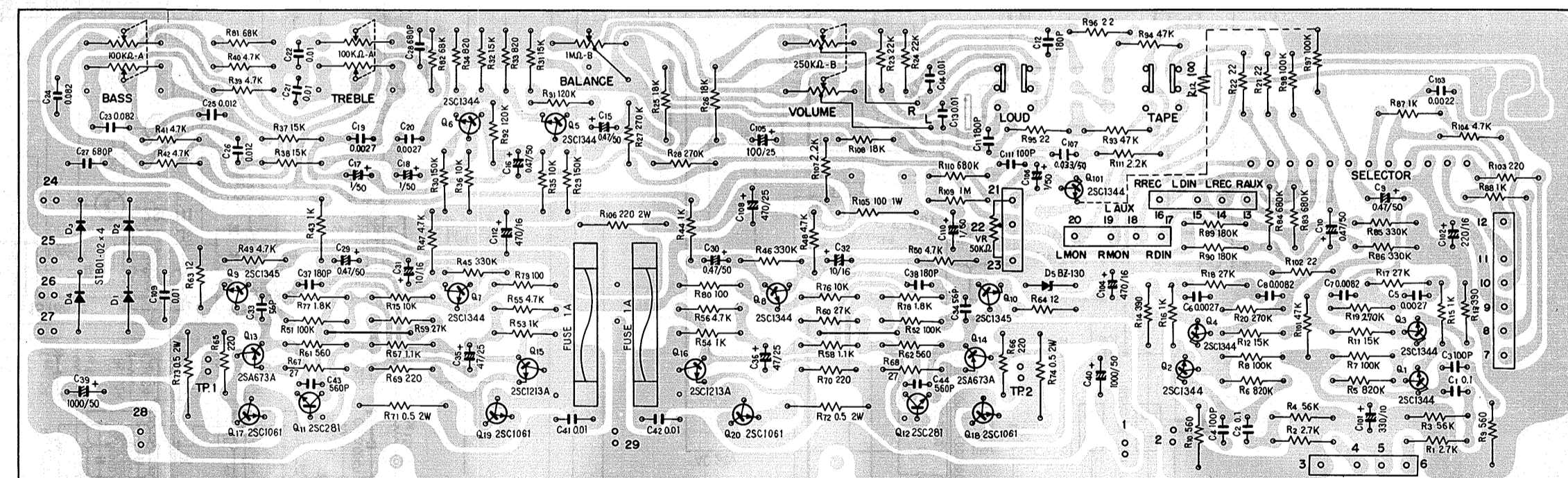
Tuner ass'y AWE-004 (M, K, KCT model)



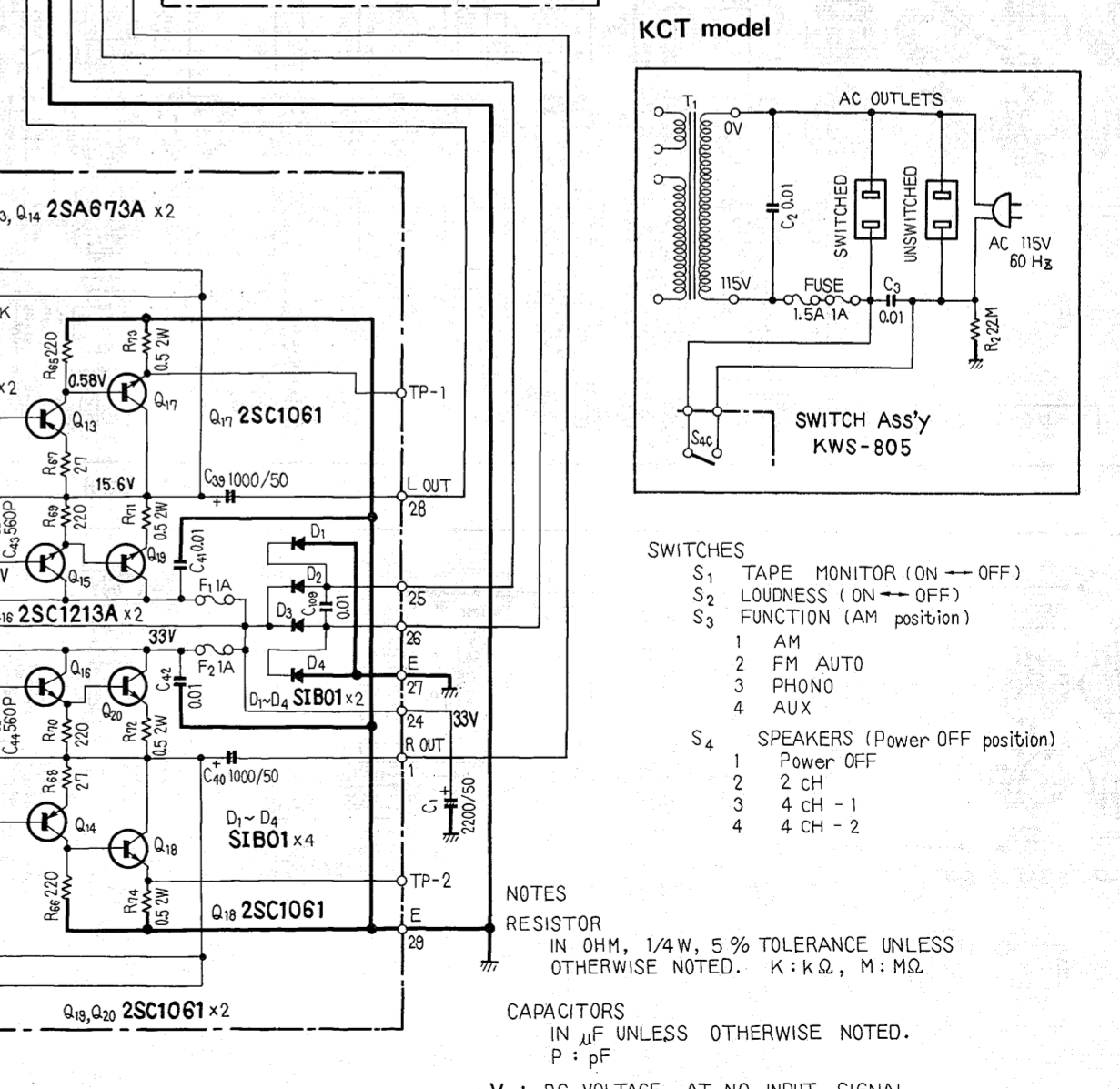
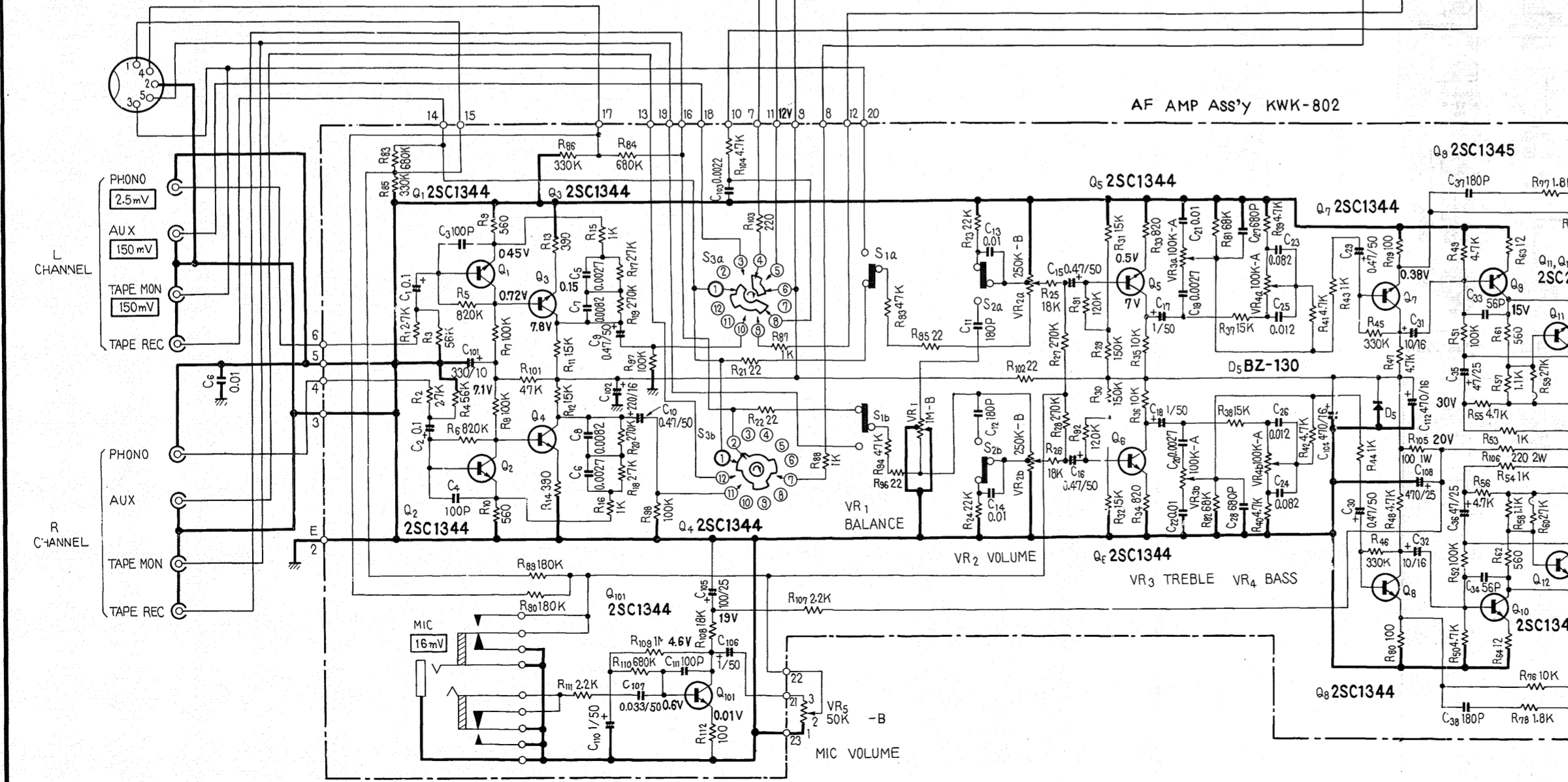
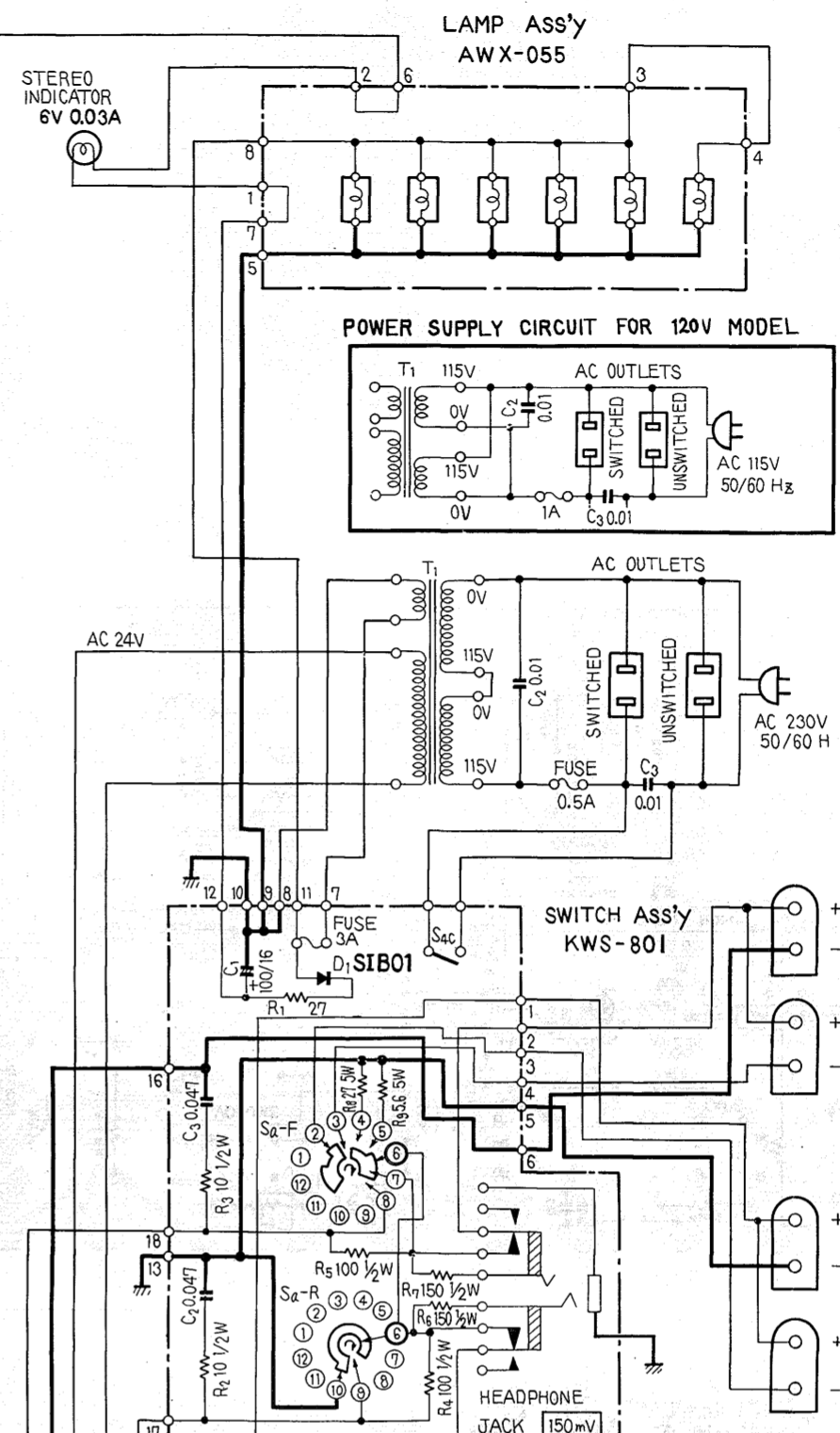
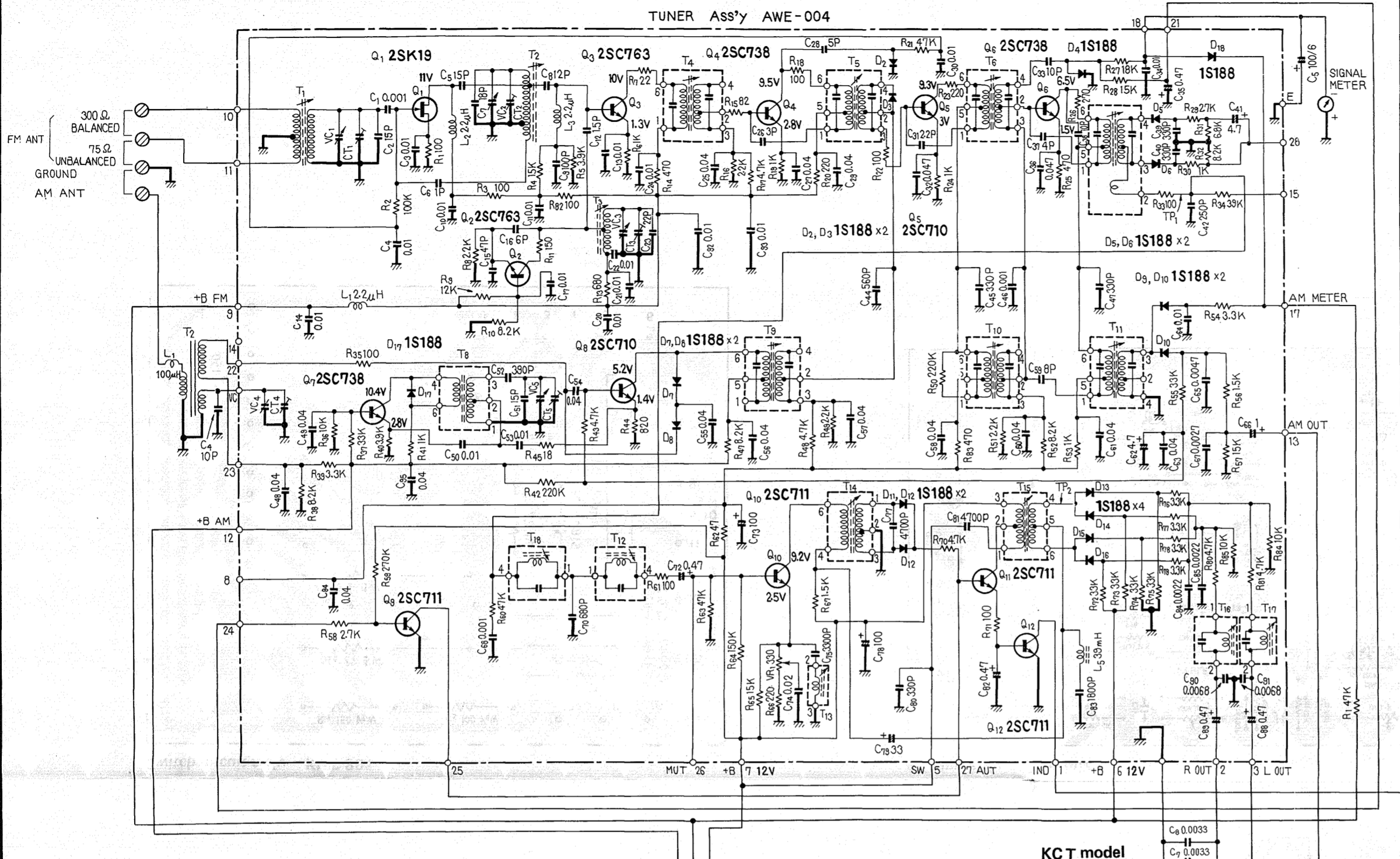
Switch circuit ass'y KWS-801



AF amp ass'y KWK-802



ES-2000 K, KCT, M model



NOTES

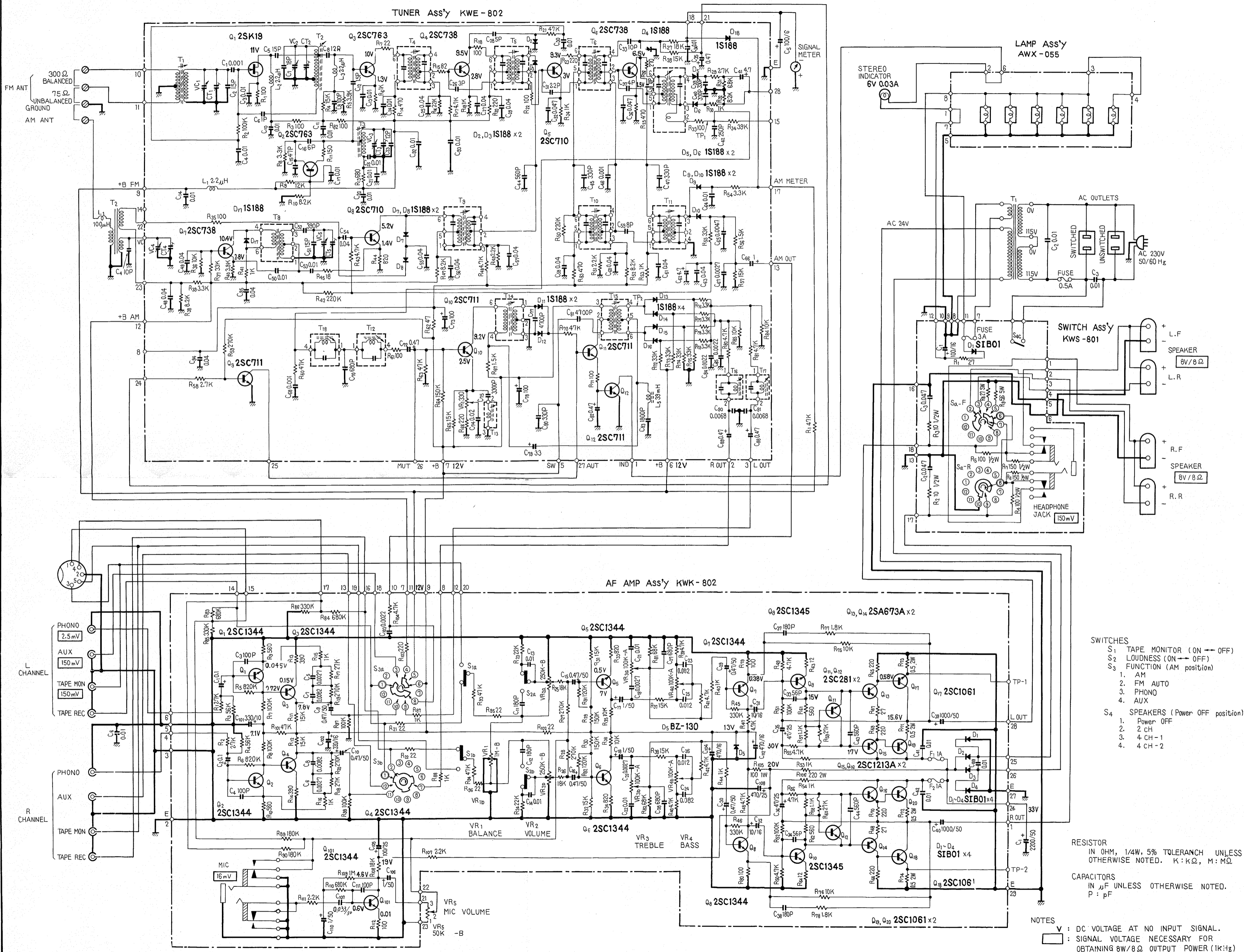
RESISTOR
IN OHM, 1/4 W, 5% TOLERANCE UNLESS OTHERWISE NOTED. K: kΩ, M: MΩ

CAPACITORS
IN μF UNLESS OTHERWISE NOTED.
P: pF

V: DC VOLTAGE AT NO INPUT SIGNAL.
⊖: SIGNAL VOLTAGE NECESSARY FOR OBTAINING 8W/8Ω OUTPUT POWER (1K Hz):

- SWITCHES**
- S₁ TAPE MONITOR (ON → OFF)
 - S₂ LOUDNESS (ON → OFF)
 - S₃ FUNCTION (AM position)
- 1 AM
2 FM AUTO
3 PHONO
4 AUX
- S₄ SPEAKERS (Power OFF position)**
- 1 Power OFF
 - 2 2 CH
 - 3 4 CH - 1
 - 4 4 CH - 2

ES-2000 MSA model



- SWITCHES**
- S₁ TAPE MONITOR (ON → OFF)
 - S₂ LOUDNESS (ON → OFF)
 - S₃ FUNCTION (AM position)
 1. AM
 2. FM AUTO
 3. PHONO
 4. AUX
 - S₄ SPEAKERS (Power OFF position)
 1. Power OFF
 2. 2 CH
 3. 4 CH-1
 4. 4 CH-2

RESISTOR
 IN OHM, 1/4W, 5% TOLERANCE UNLESS OTHERWISE NOTED. K: KΩ, M: MΩ

CAPACITORS
 IN μF UNLESS OTHERWISE NOTED. P: pF

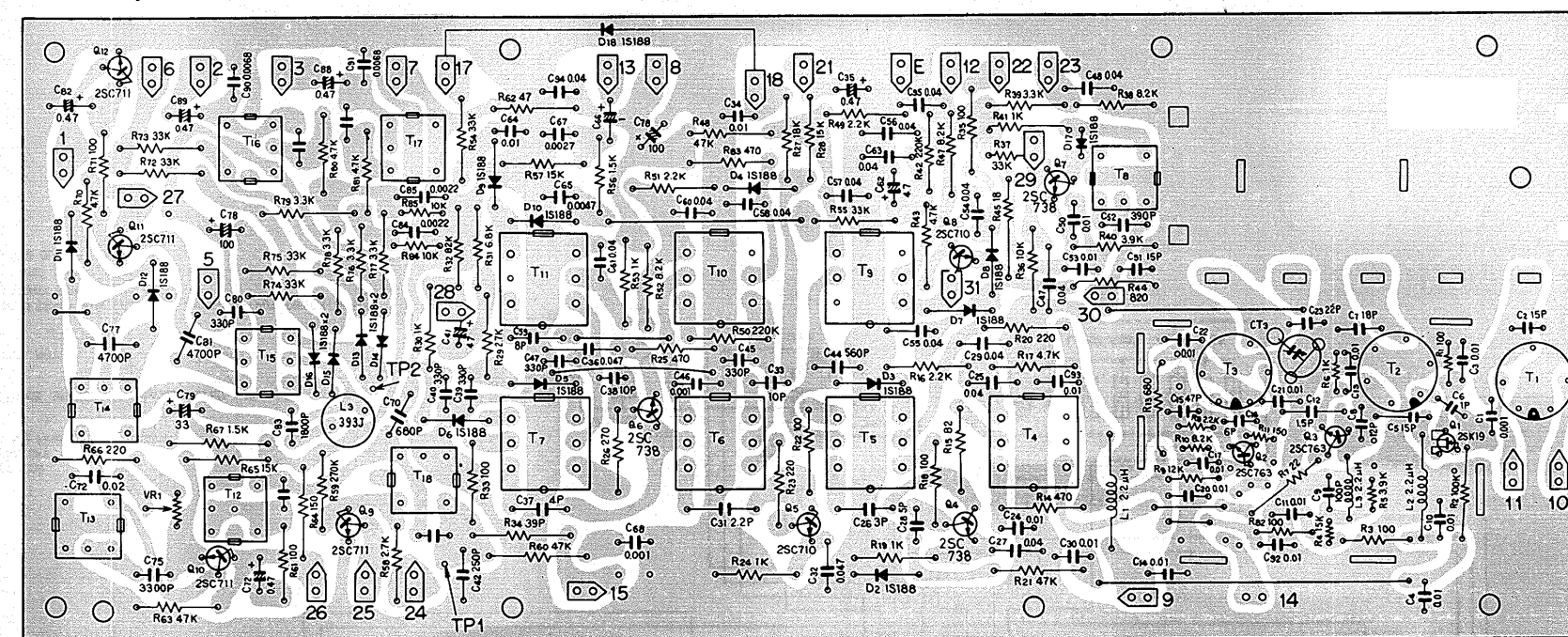
NOTES

- V: DC VOLTAGE AT NO INPUT SIGNAL.
- [Symbol]: SIGNAL VOLTAGE NECESSARY FOR OBTAINING 8W/8Ω OUTPUT POWER (1KHz)

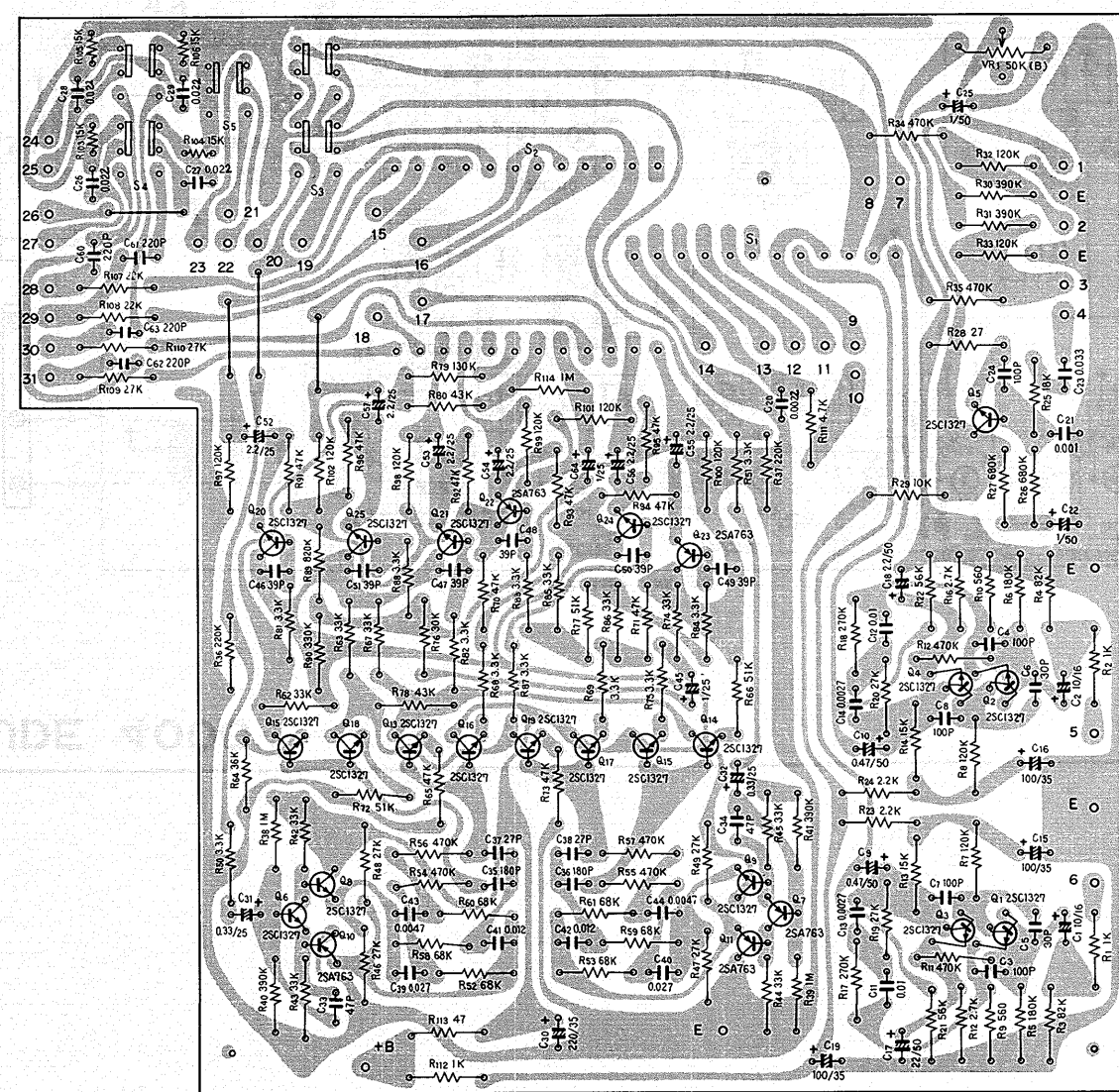
4 CHANNEL STEREO
PRELUDE
4000

22

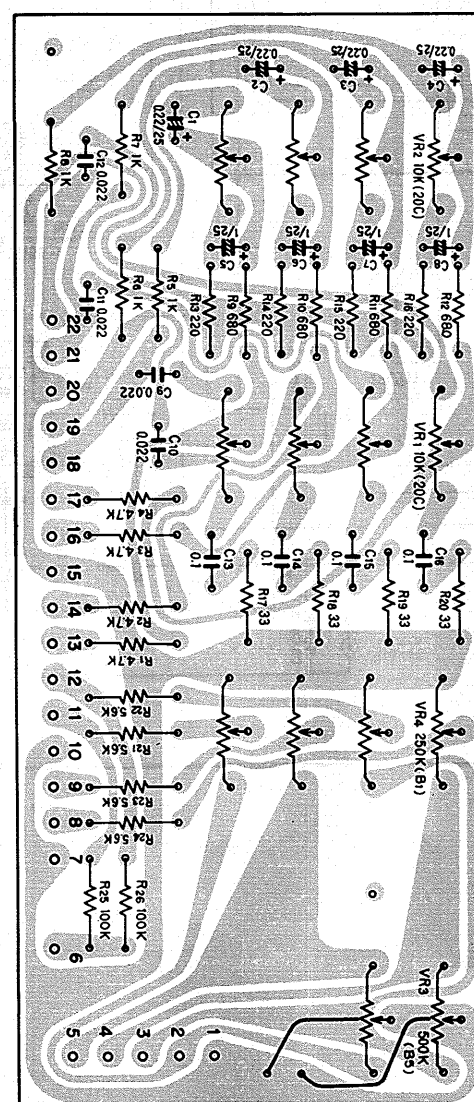
Tuner ass'y AWE-008 M model



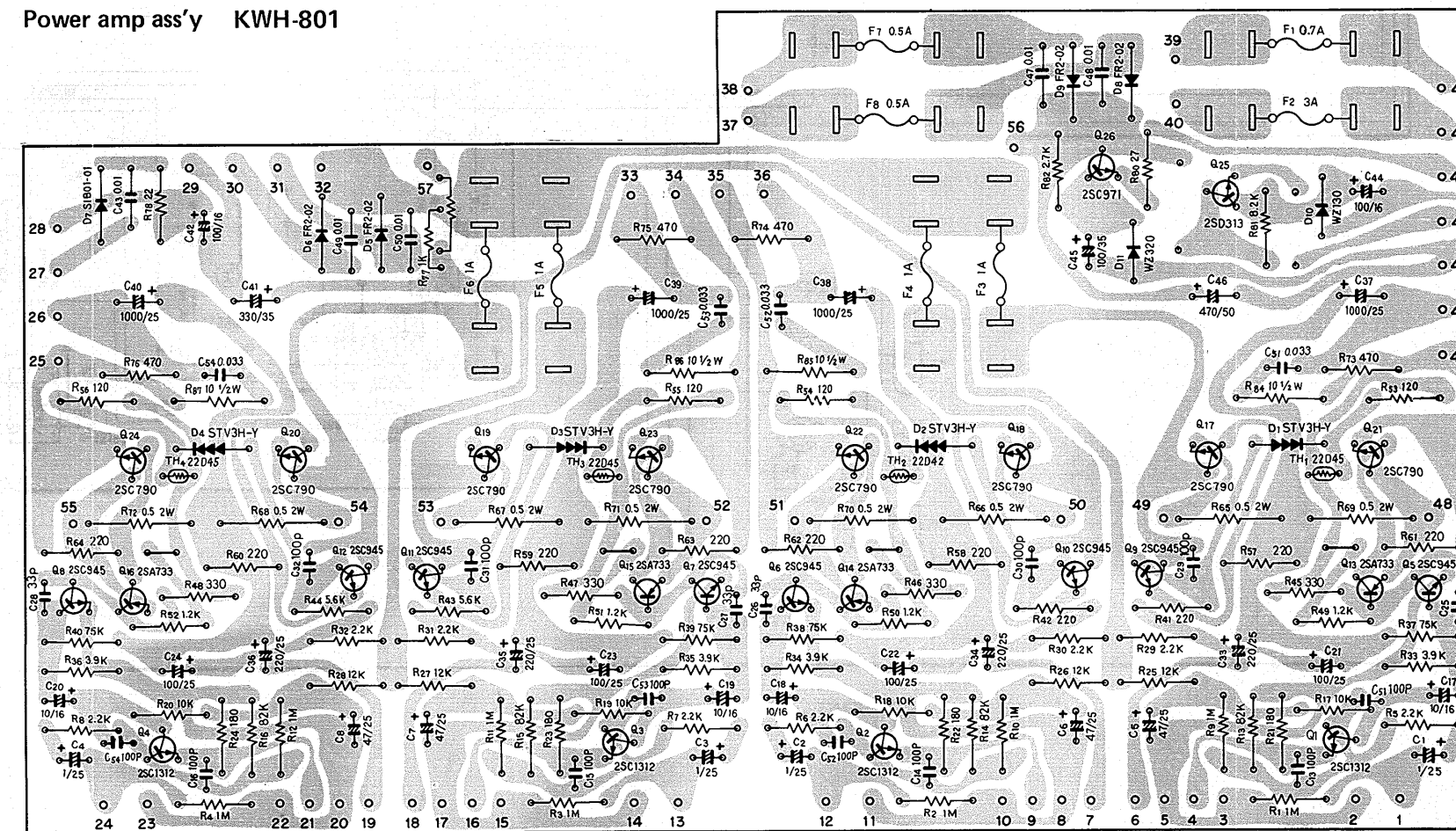
AF amp ass'y AWK-022



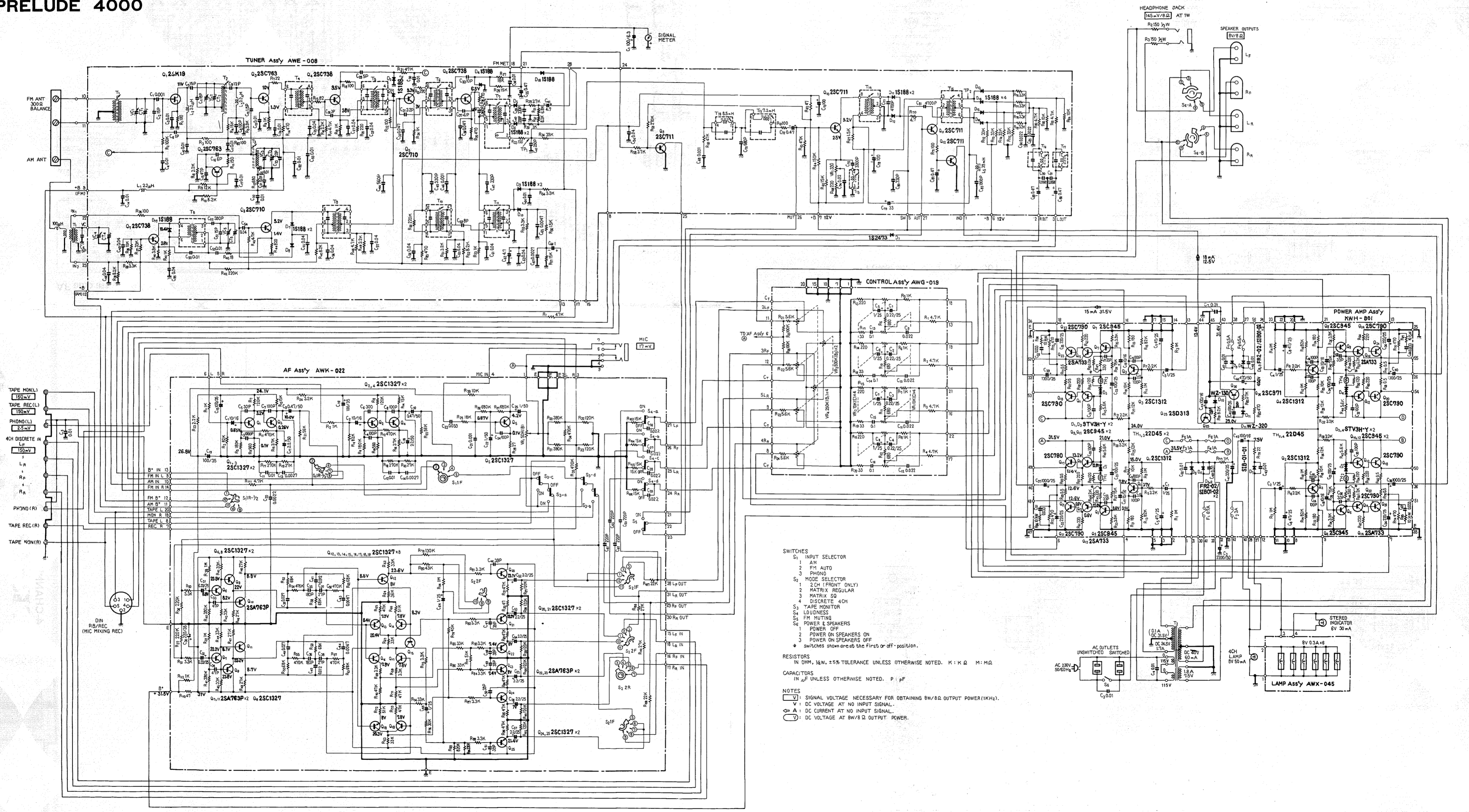
Control amp ass'y AWG-019



Power amp ass'y KWH-801



PRELUDE 4000



SWITCHES

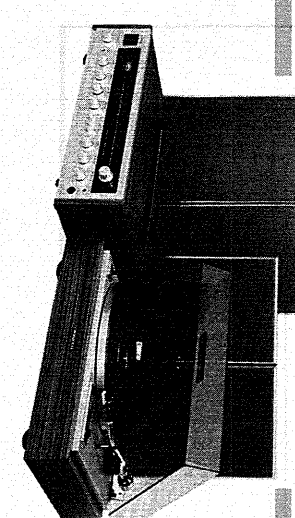
- S₁ INPUT SELECTOR
 - 1 AM
 - 2 FM AUTO
 - 3 PHONO
- S₂ MODE SELECTOR
 - 1 4CH (FRONT ONLY)
 - 2 MATRIX REGULAR
 - 3 MATRIX SD
 - 4 DISCRETE 4CH
- S₃ TAPE MONITOR
- S₄ LOUDNESS
- S₅ FM MUTING
- S₆ POWER & SPEAKERS
 - 1 POWER OFF
 - 2 POWER ON SPEAKERS ON
 - 3 POWER ON SPEAKERS OFF

RESISTORS
IN OHM, 1/4W, ±5% TOLERANCE UNLESS OTHERWISE NOTED. K: KΩ M: MΩ

CAPACITORS
IN μF UNLESS OTHERWISE NOTED. P: pF

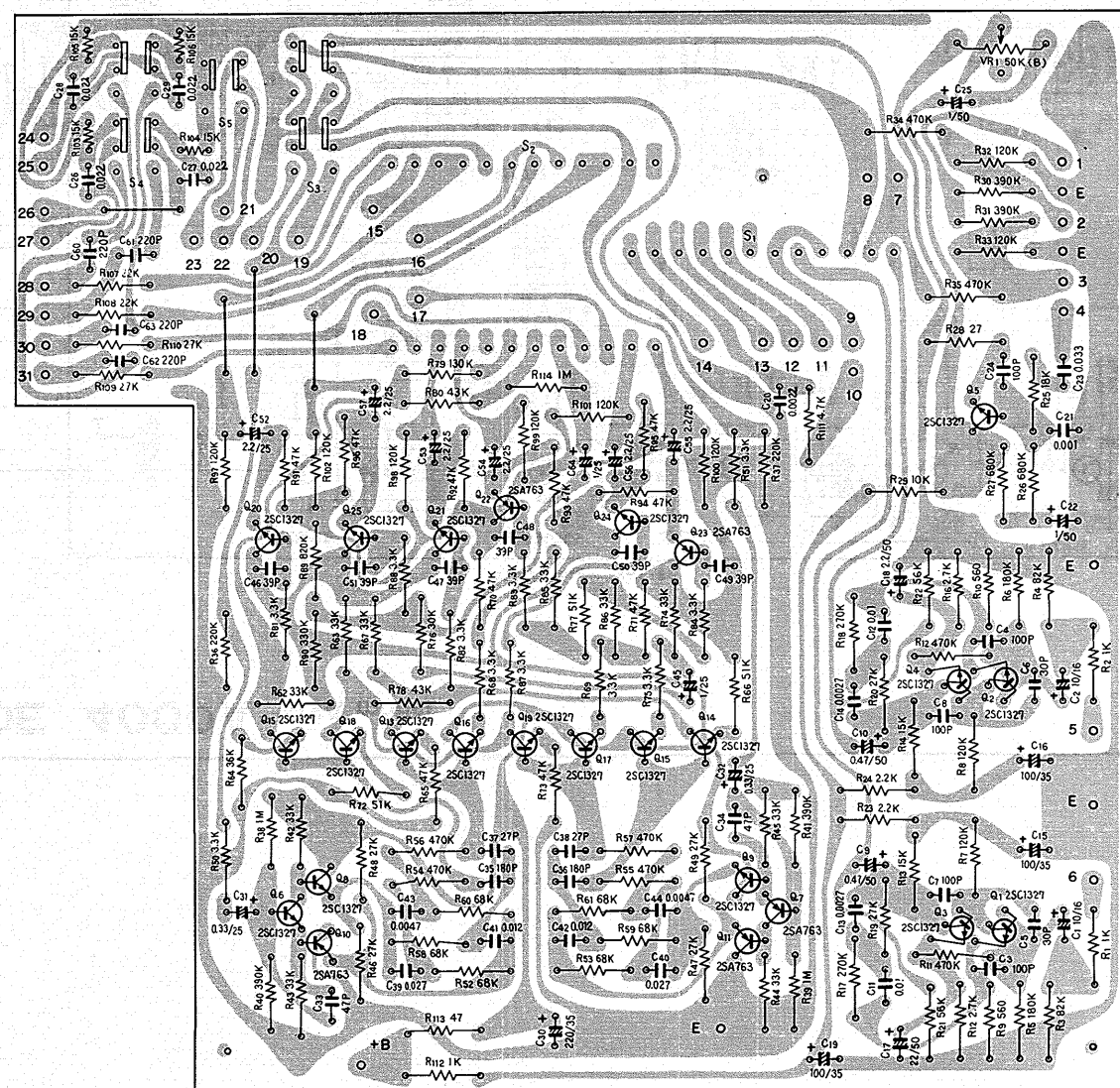
NOTES

- ⊕ SIGNAL VOLTAGE NECESSARY FOR OBTAINING 8W/8Ω OUTPUT POWER (1KHz).
- V: DC VOLTAGE AT NO INPUT SIGNAL.
- ⊖ A: DC CURRENT AT NO INPUT SIGNAL.
- ⊖ V: DC VOLTAGE AT 8W/8Ω OUTPUT POWER.

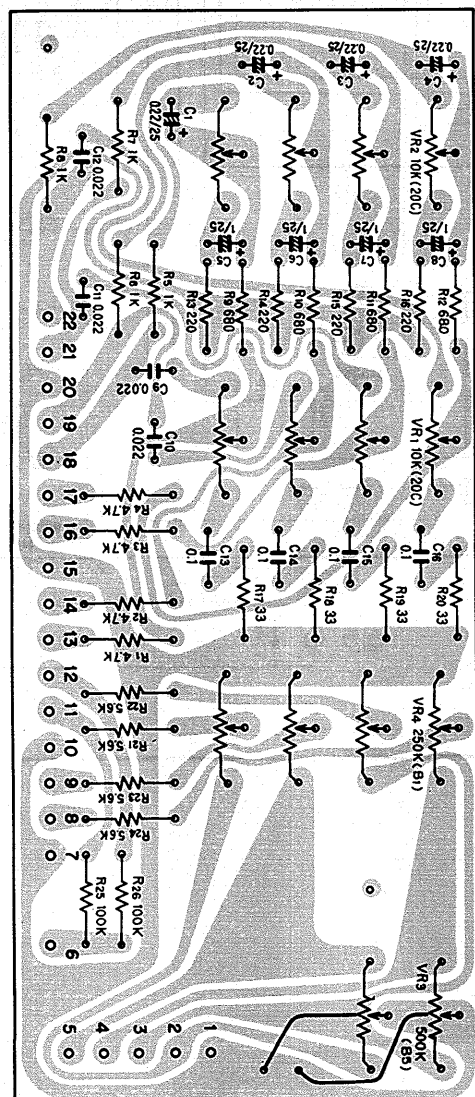


4 CHANNEL STEREO
PRELUDE
4000A
M MSA
23

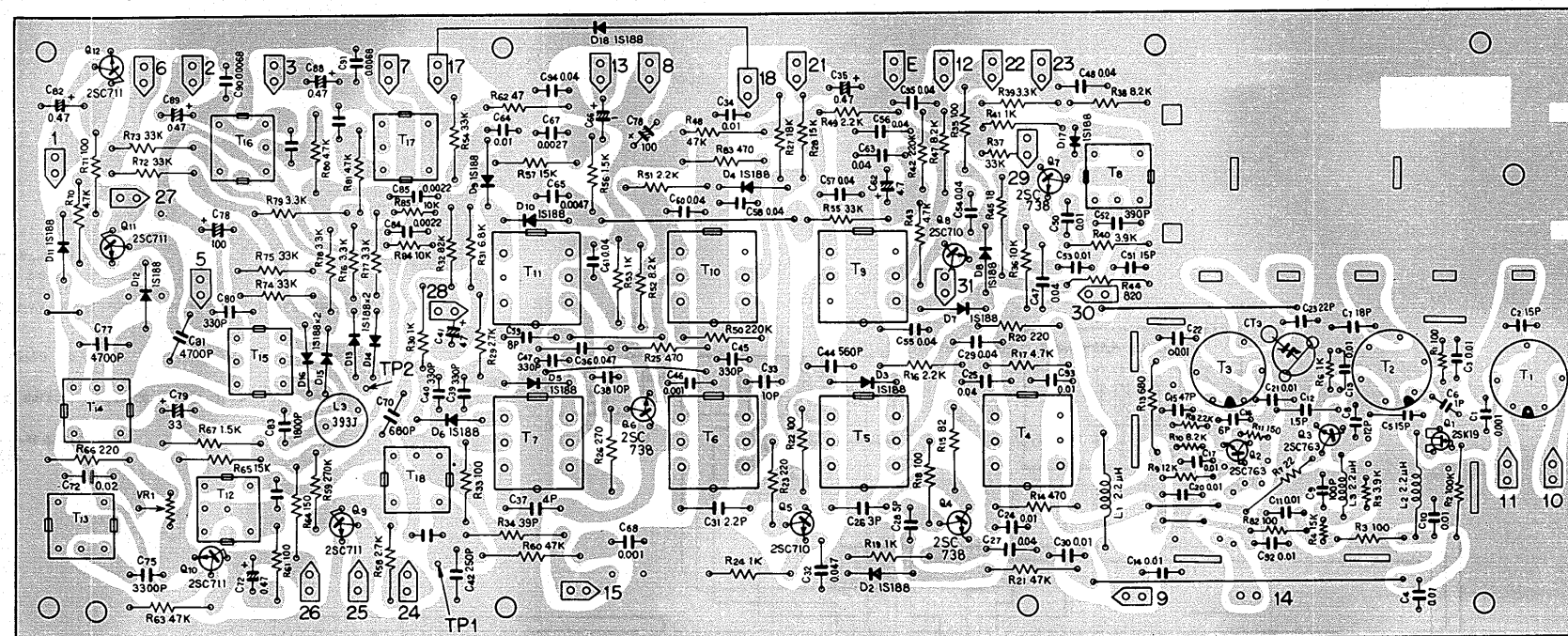
AF amp ass'y AWK-022



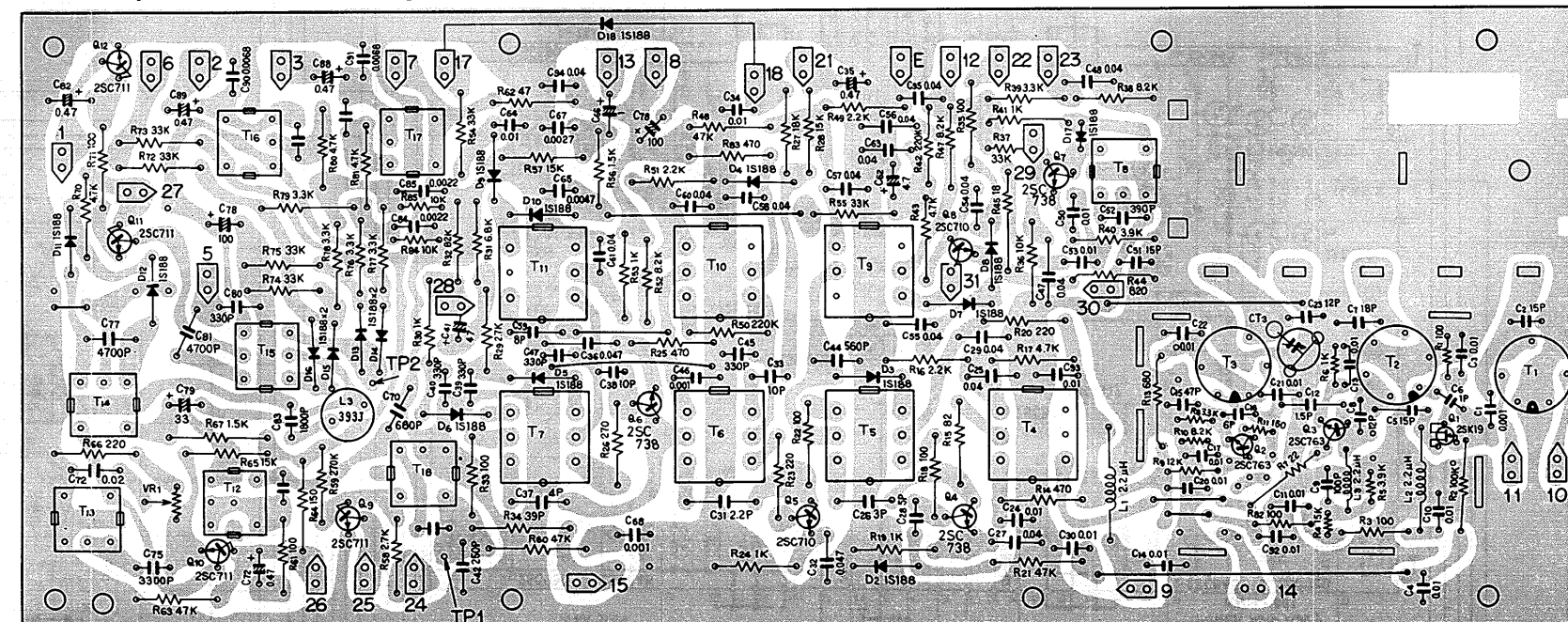
Control amp ass'y AWG-019



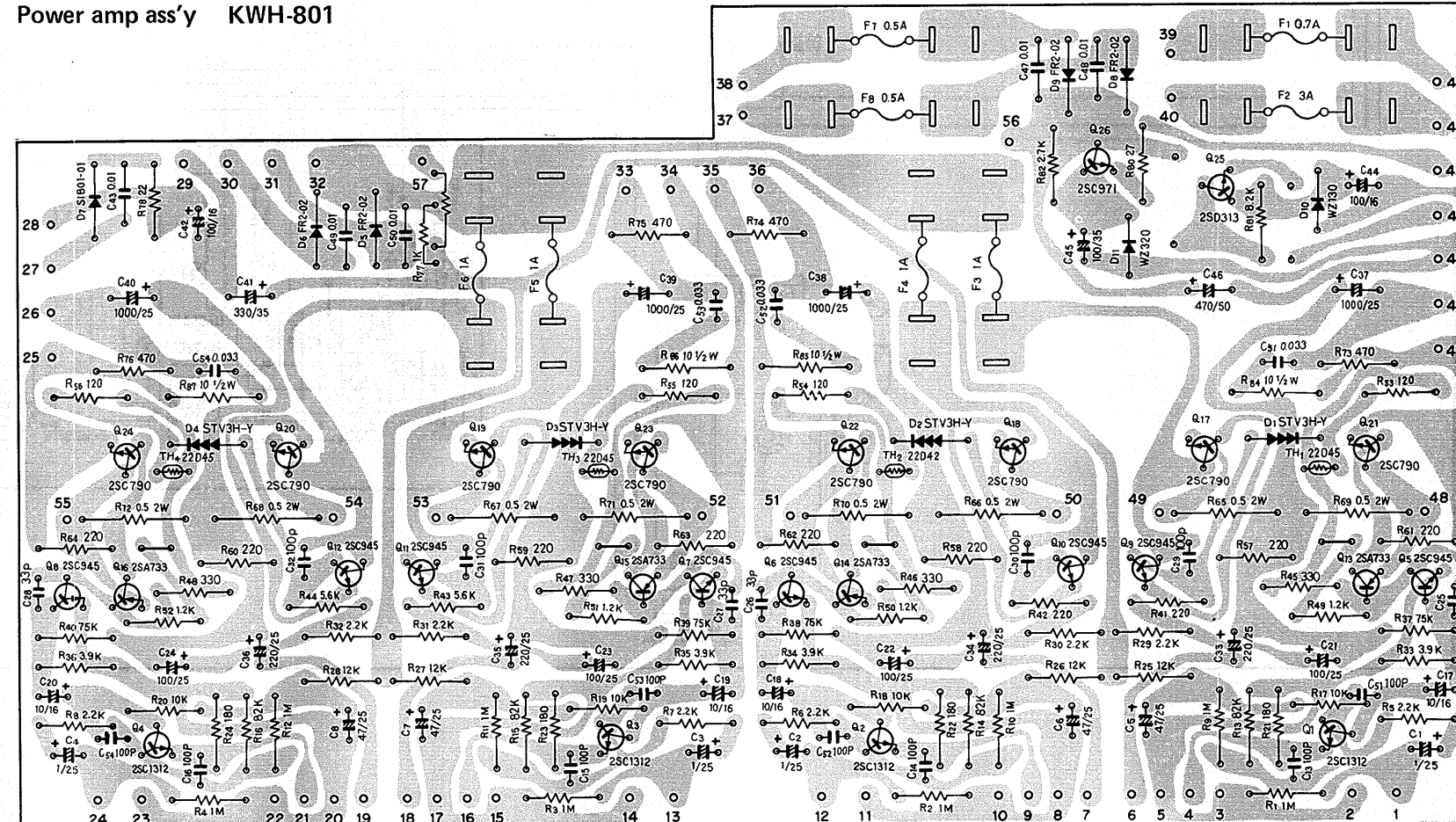
Tuner ass'y AWE-008 M model



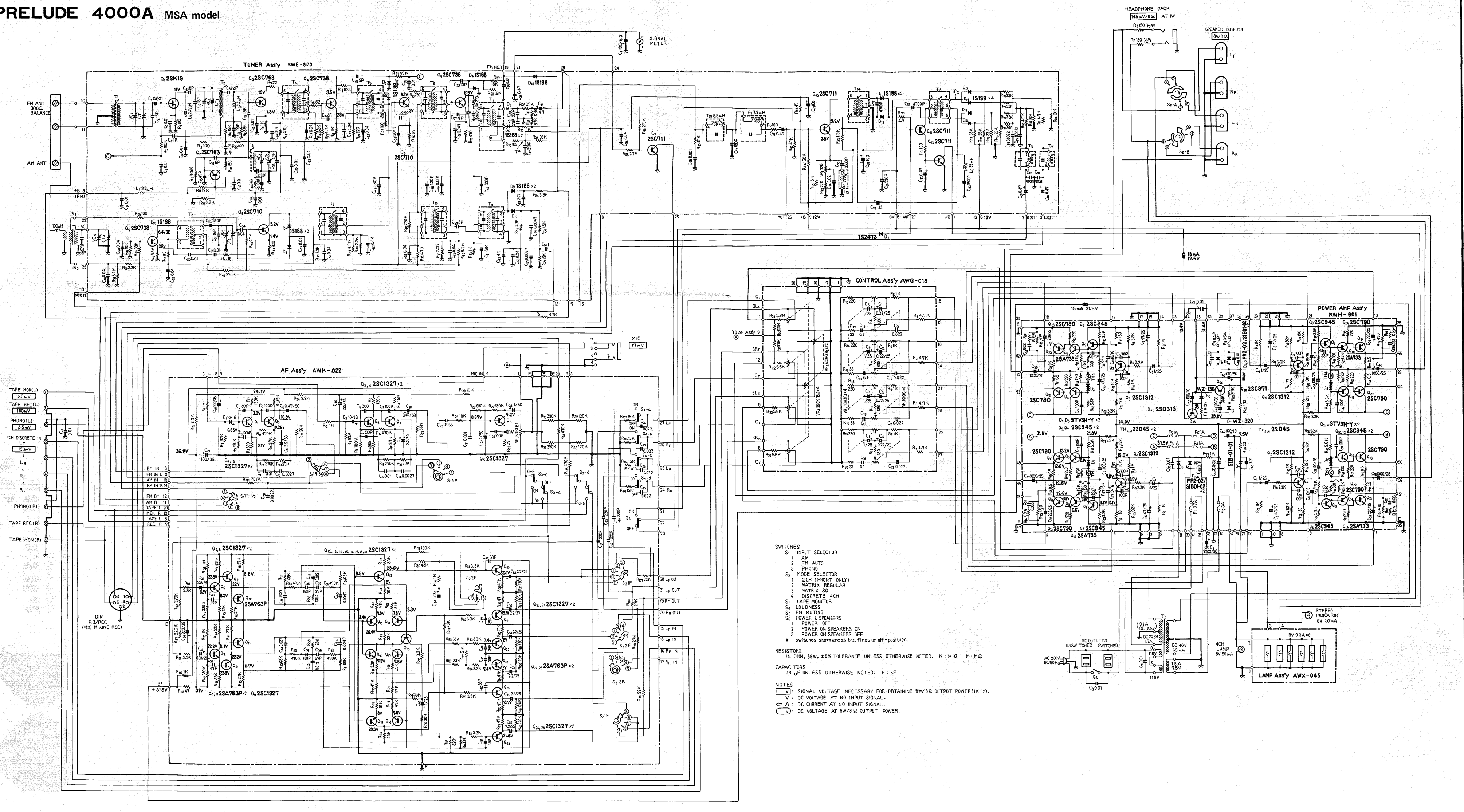
Tuner ass'y KWE-803 MSA model



Power amp ass'y KWH-801



PRELUDE 4000A MSA model

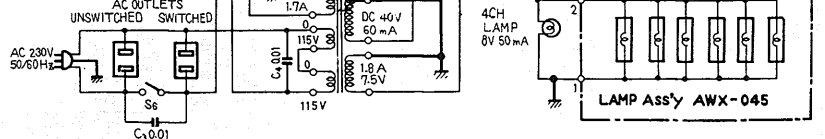


SWITCHES
 S1 INPUT SELECTOR
 1 AM
 2 FM AUTO
 3 PHONO
 S2 MODE SELECTOR
 1 2 CH FRONT ONLY
 2 MATRIX REGULAR
 3 MATRIX SQ
 4 DISCRETE 4CH
 S3 TAPE MONITOR
 S4 LOUDNESS
 S5 FM MUTING
 S6 POWER & SPEAKERS
 S7 POWER OFF
 S8 POWER ON SPEAKERS ON
 S9 POWER ON SPEAKERS OFF
 * switches shown are in the first or off position.

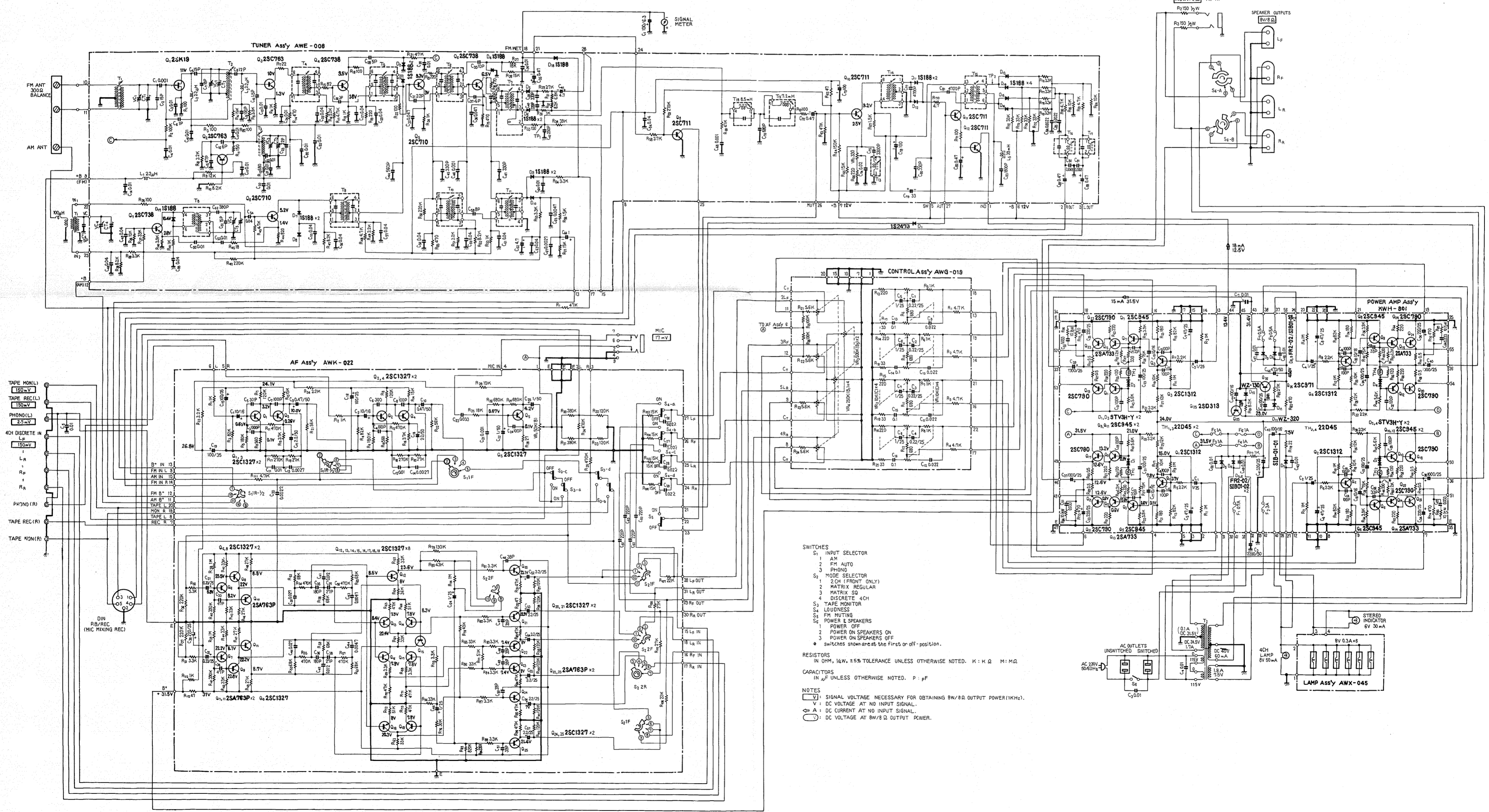
RESISTORS
 IN OHM, 1/4W, 5% TOLERANCE UNLESS OTHERWISE NOTED. K: K Ω M: M Ω

CAPACITORS
 IN μF UNLESS OTHERWISE NOTED. P: pF

NOTES
 (V) SIGNAL VOLTAGE NECESSARY FOR OBTAINING 8W/8 Ω OUTPUT POWER (1KHz).
 (DC) DC VOLTAGE AT NO INPUT SIGNAL.
 (A) DC CURRENT AT NO INPUT SIGNAL.
 (V) DC VOLTAGE AT 8W/8 Ω OUTPUT POWER.



PRELUDE 4000A M model



- SWITCHES**
- S1 INPUT SELECTOR
 - 1 AM
 - 2 PH AUTO
 - 3 PHONO
 - S2 MODE SELECTOR
 - 1 2CH (FRONT ONLY)
 - 2 MATRIX REGULAR
 - 3 MATRIX SO
 - 4 DISCRETE 4CH
 - S3 TAPE MONITOR
 - S4 LOUDNESS
 - S5 FM MUTING
 - S6 POWER & SPEAKERS
 - 1 POWER OFF
 - 2 POWER ON SPEAKERS ON
 - 3 POWER ON SPEAKERS OFF
- * Switches shown are at the first or off-position.

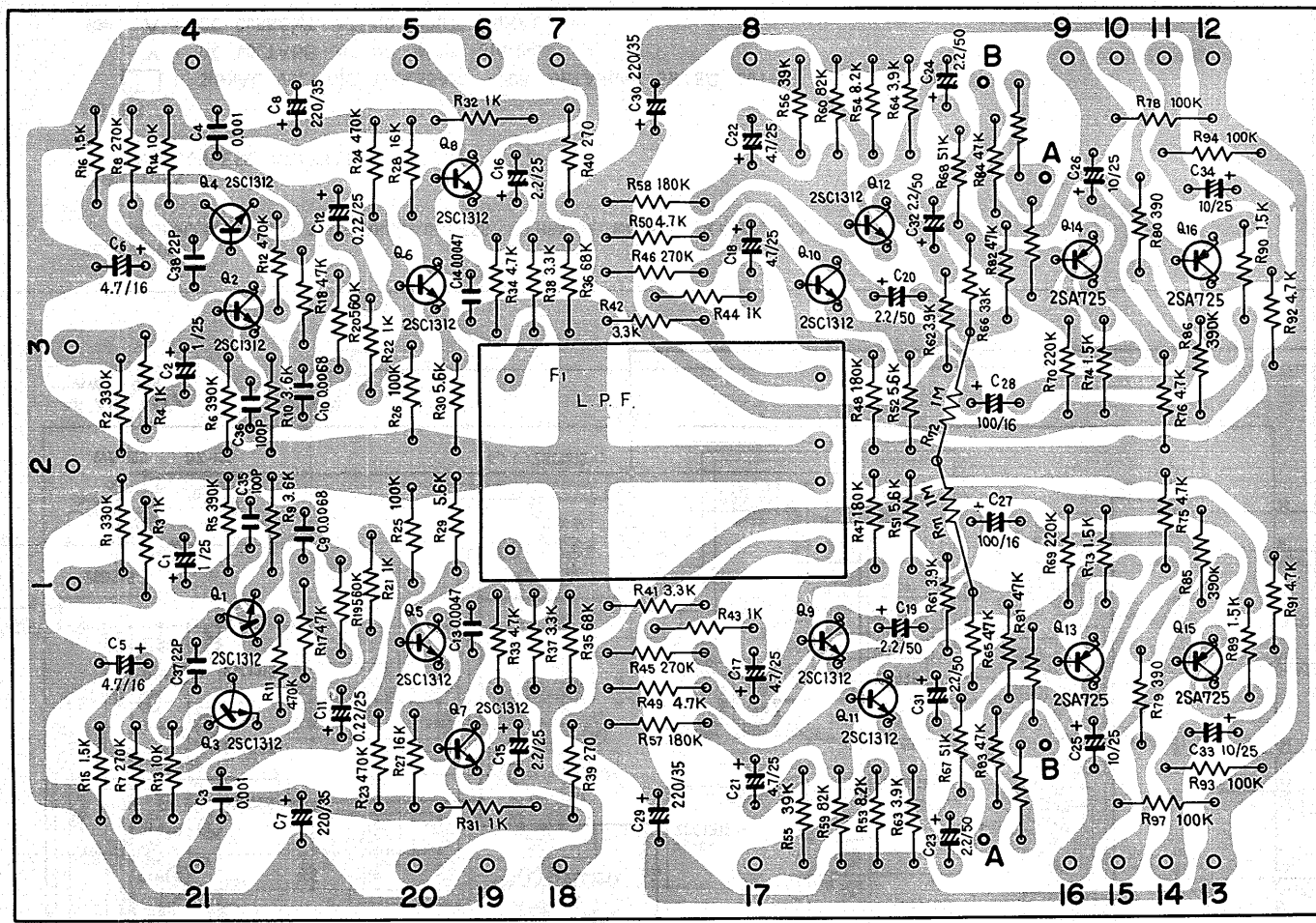
RESISTORS
 IN OHM, 1/2W, ±5% TOLERANCE UNLESS OTHERWISE NOTED. K: KΩ M: MΩ

CAPACITORS
 IN μF UNLESS OTHERWISE NOTED. P: pF

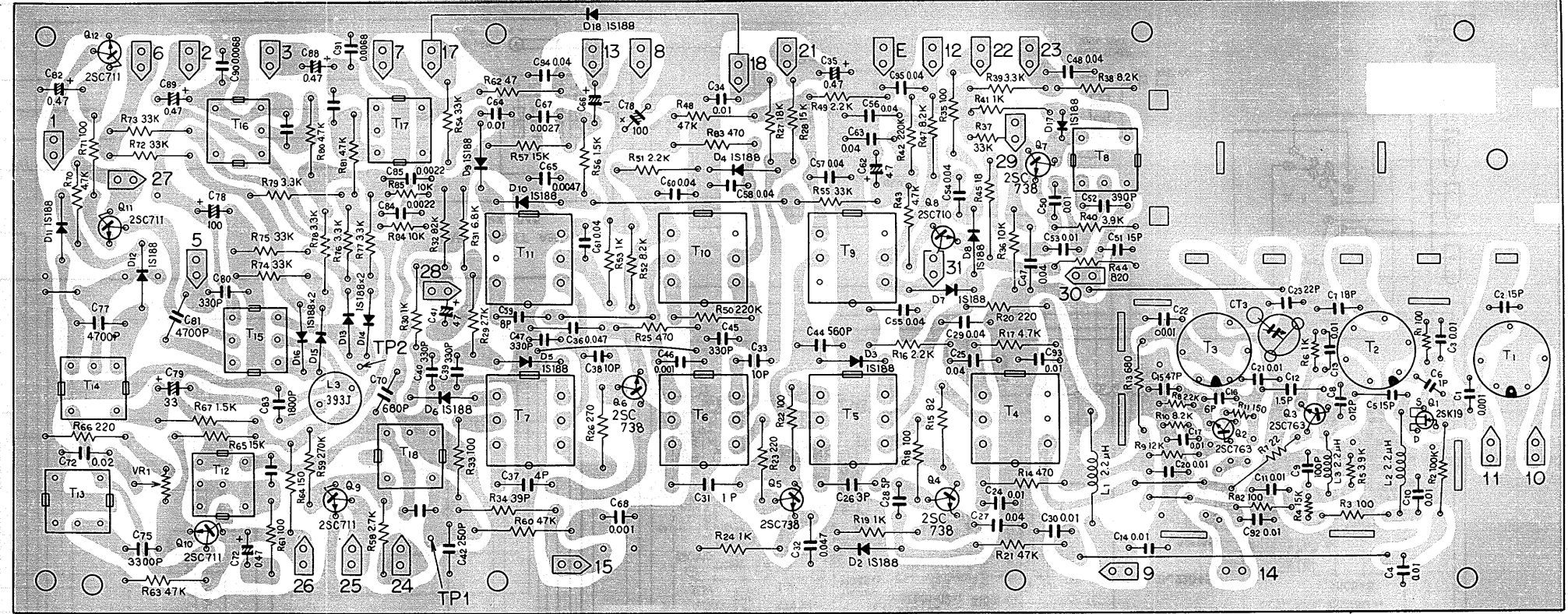
NOTES

- V: SIGNAL VOLTAGE NECESSARY FOR OBTAINING 8W/8Ω OUTPUT POWER (1KHz).
- V: DC VOLTAGE AT NO INPUT SIGNAL.
- A: DC CURRENT AT NO INPUT SIGNAL.
- ⊖: DC VOLTAGE AT 8W/8Ω OUTPUT POWER.

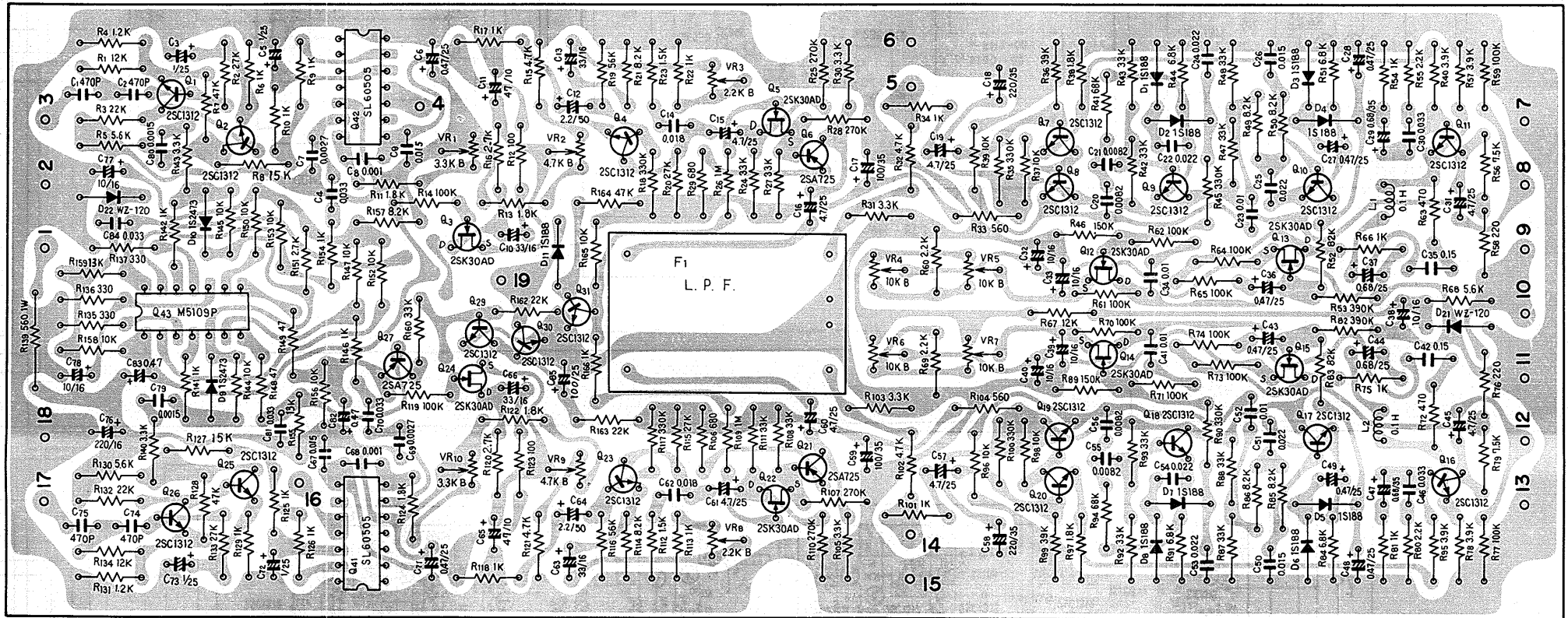
Equalizer matrix ass'y AWM-042



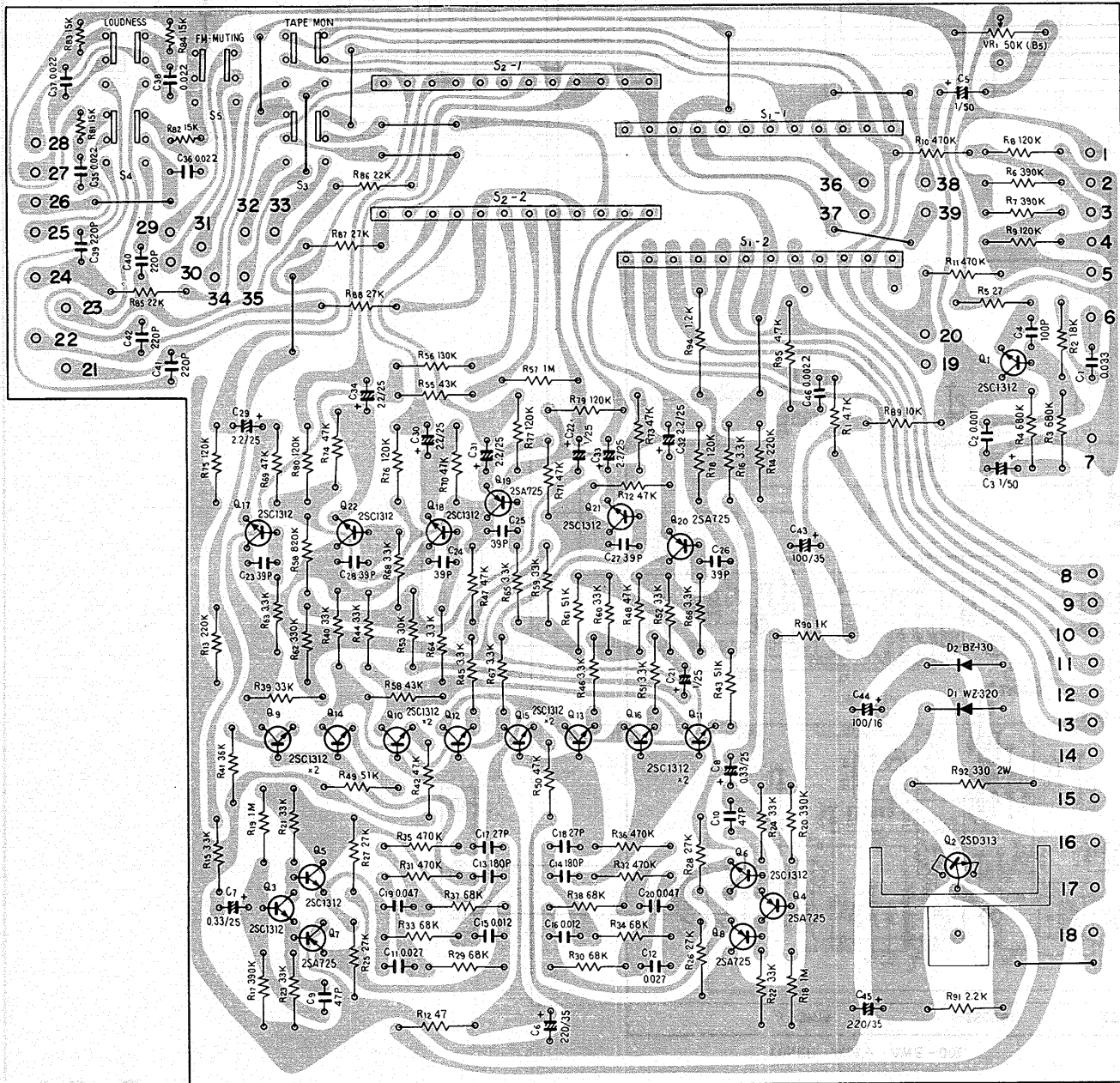
Tuner ass'y AWE-008



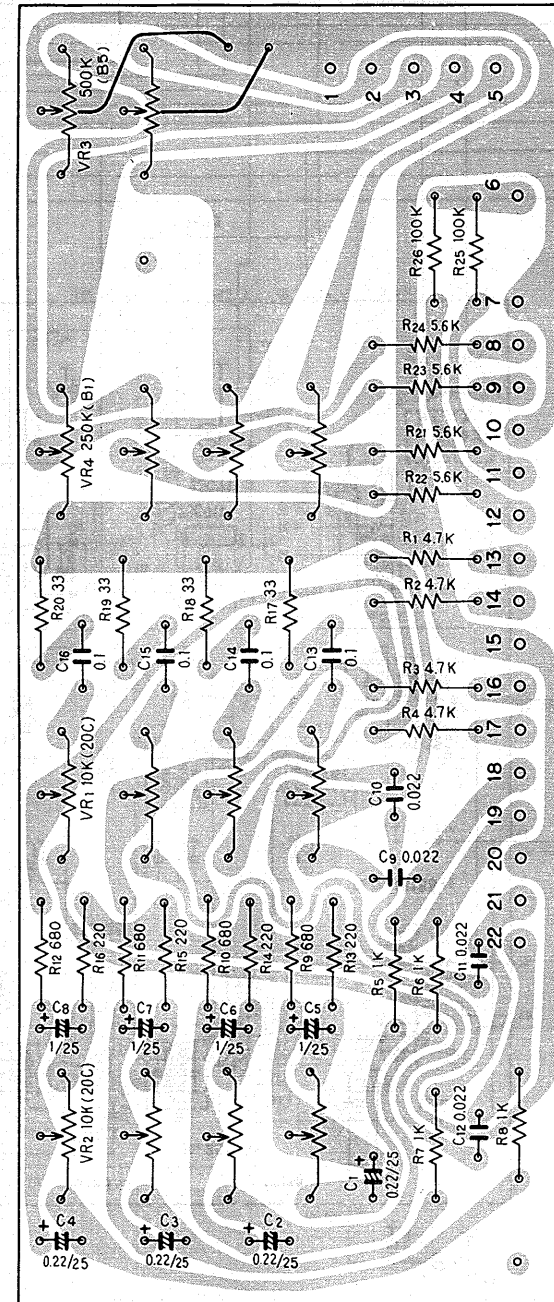
Sub channel ass'y AWX-047



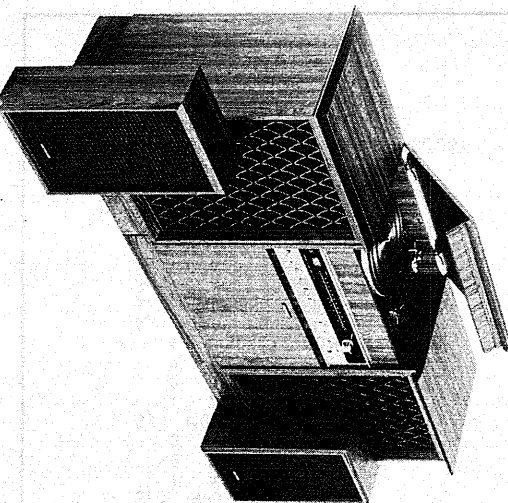
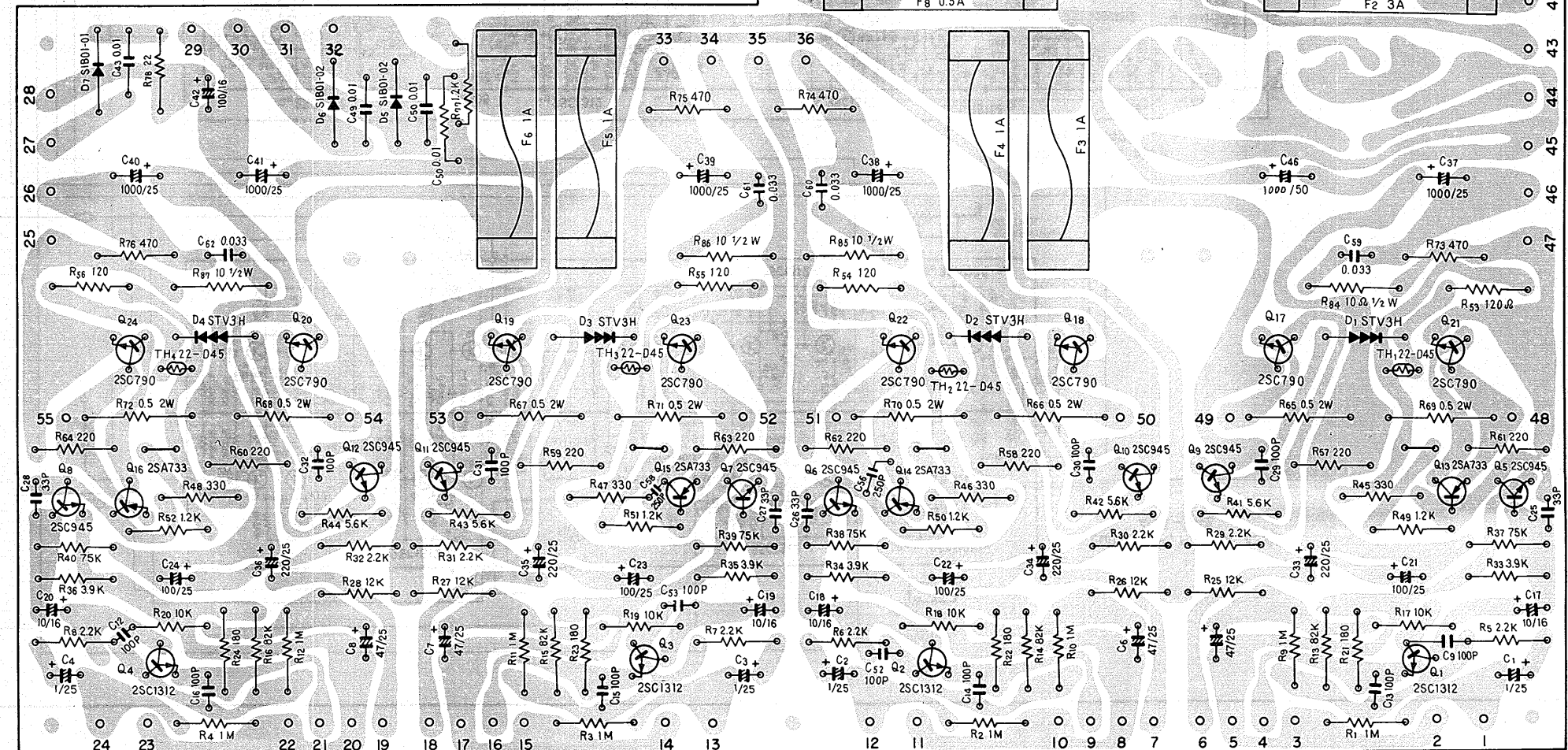
AF amp ass'y AWK-024



Control amp ass'y AWG-019

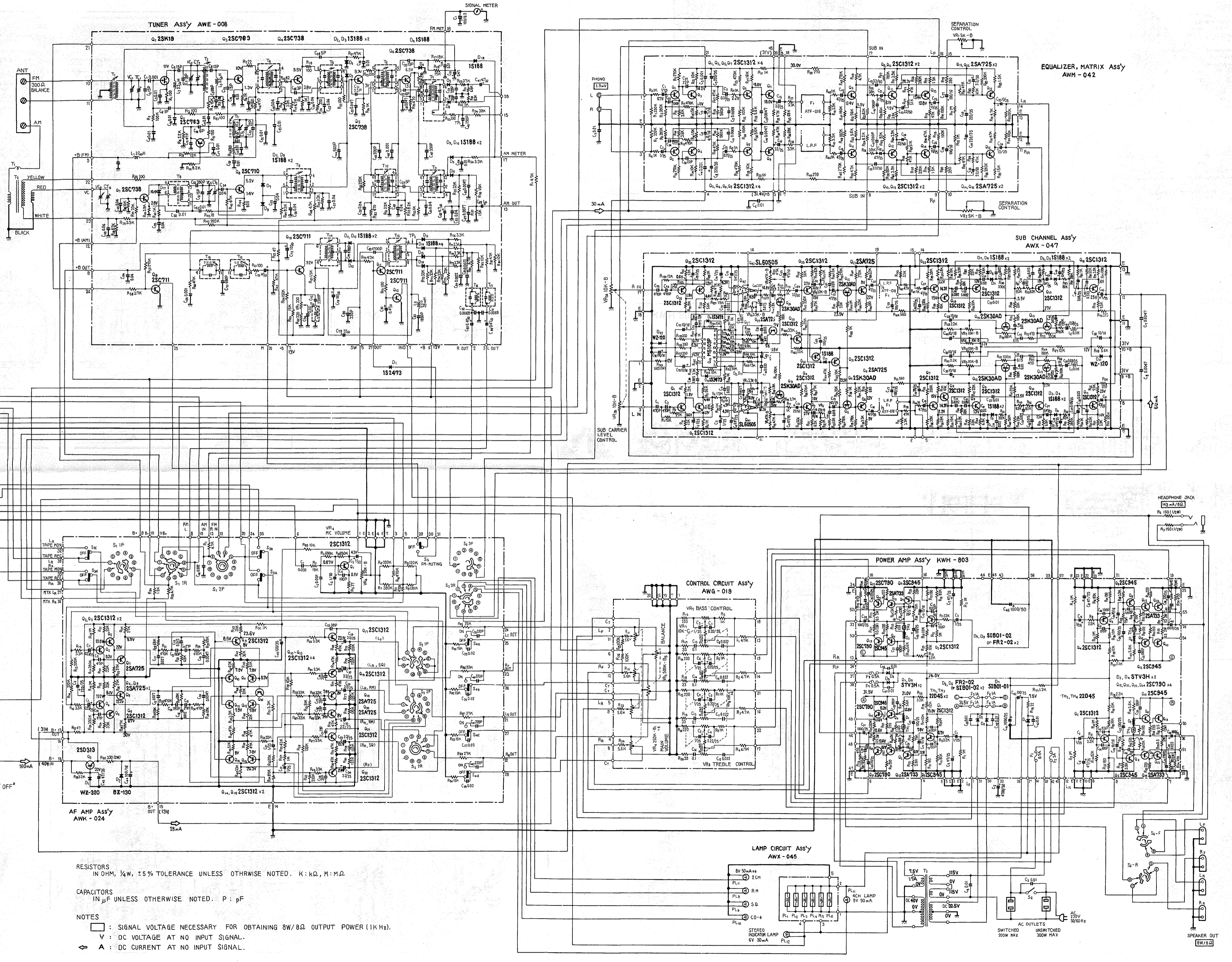


Power amp ass'y KWH-803



SYSTEM STEREO
FD-3
M MA

24



- SWITCHES (THESE ARE SHOWN AT "1st" OR "OFF" POSITION)
- S₁: INPUT SELECTOR
1. AM
 2. FM
 3. PHONO
- S₂: MODE SELECTOR
1. 2 CH
 2. RM
 3. SG
 4. DISCRETE CD-4
- S₃: TAPE MONITOR (OFF-ON)
- S₄: LOUDNESS (OFF-ON)
- S₅: FM MUTING (OFF-ON)
- S₆: POWER & SPEAKER OFF
- POTENTIOMETERS
- VR₁: SEPARATION CONTROL VR
- VR₂: SEPARATION CONTROL VR
- VR₃: SUB CARRIER LEVEL ADJUST
- VR₄: MIC VOLUME
- VR₅: BALANCE
- VR₆: MAIN VOLUME
- VR₇: BASS CONTROL
- VR₈: TREBLE CONTROL

RESISTORS
IN OHM, 1/4W, ±5% TOLERANCE UNLESS OTHERWISE NOTED. K: kΩ, M: MΩ

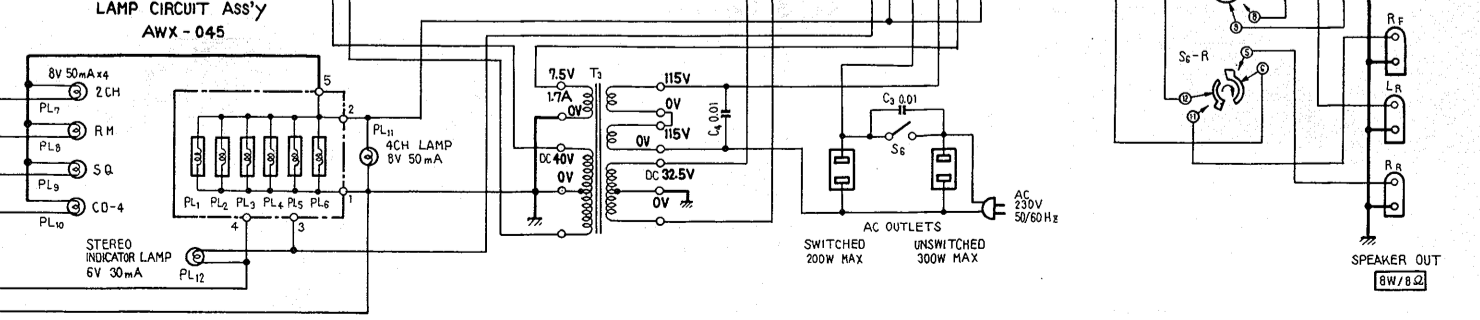
CAPACITORS
IN μF UNLESS OTHERWISE NOTED. P: pF

NOTES

□: SIGNAL VOLTAGE NECESSARY FOR OBTAINING 8W/8Ω OUTPUT POWER (1KHz).

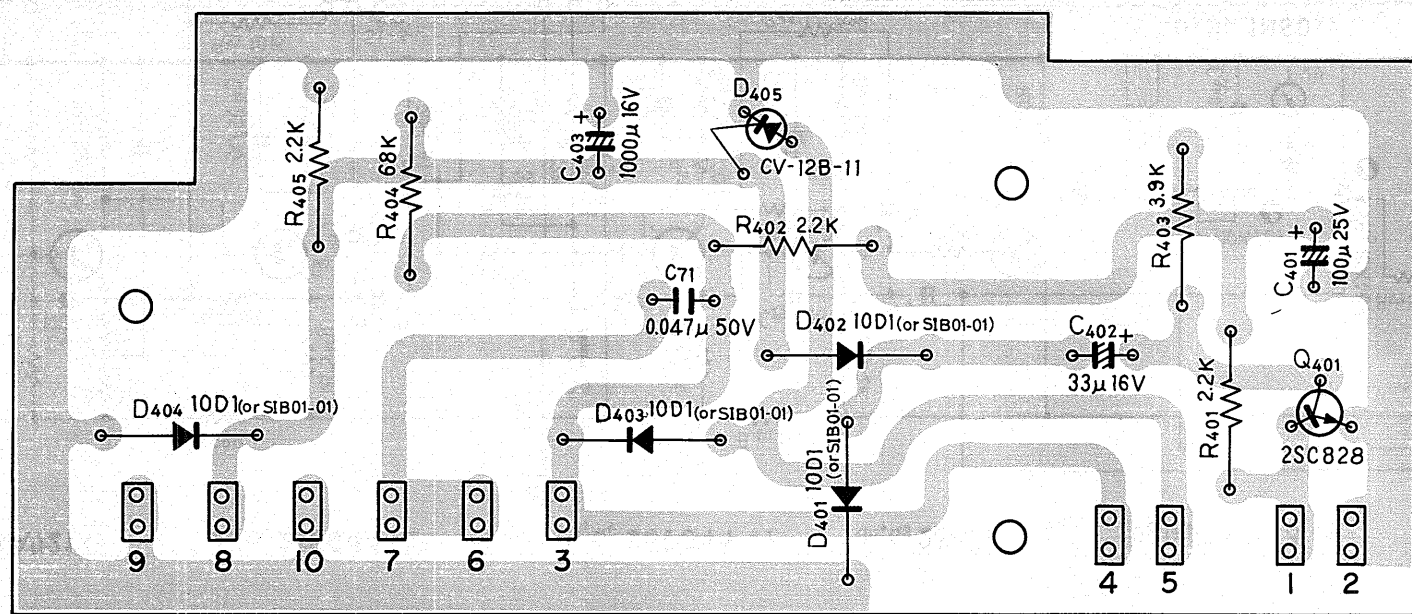
V: DC VOLTAGE AT NO INPUT SIGNAL.

A: DC CURRENT AT NO INPUT SIGNAL.

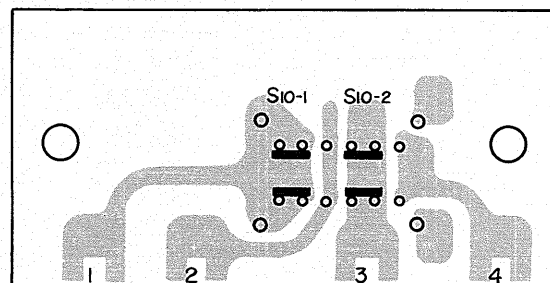




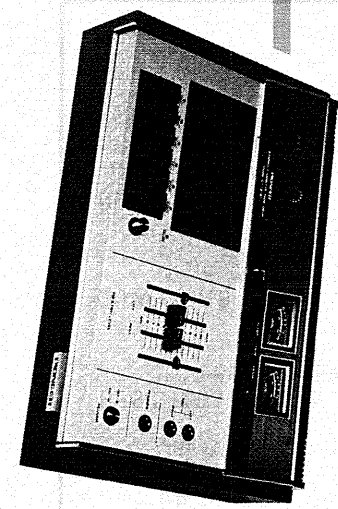
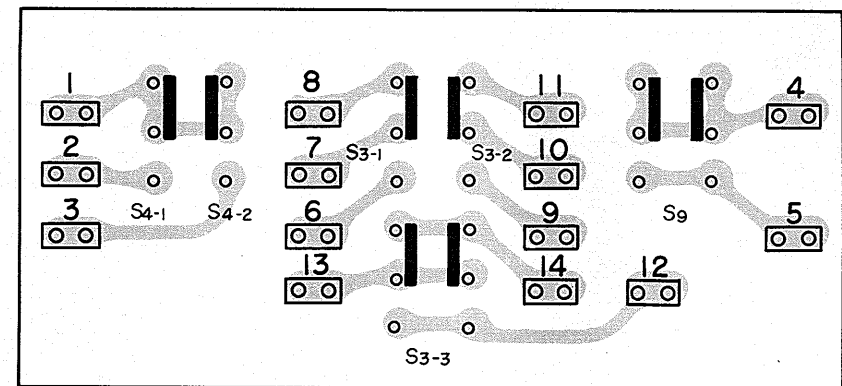
Sensing circuit ass'y RWG-026



Muting switch ass'y RWS-005



Push switch ass'y RWS-006



CASSETTE TAPE DECK

CV-3131

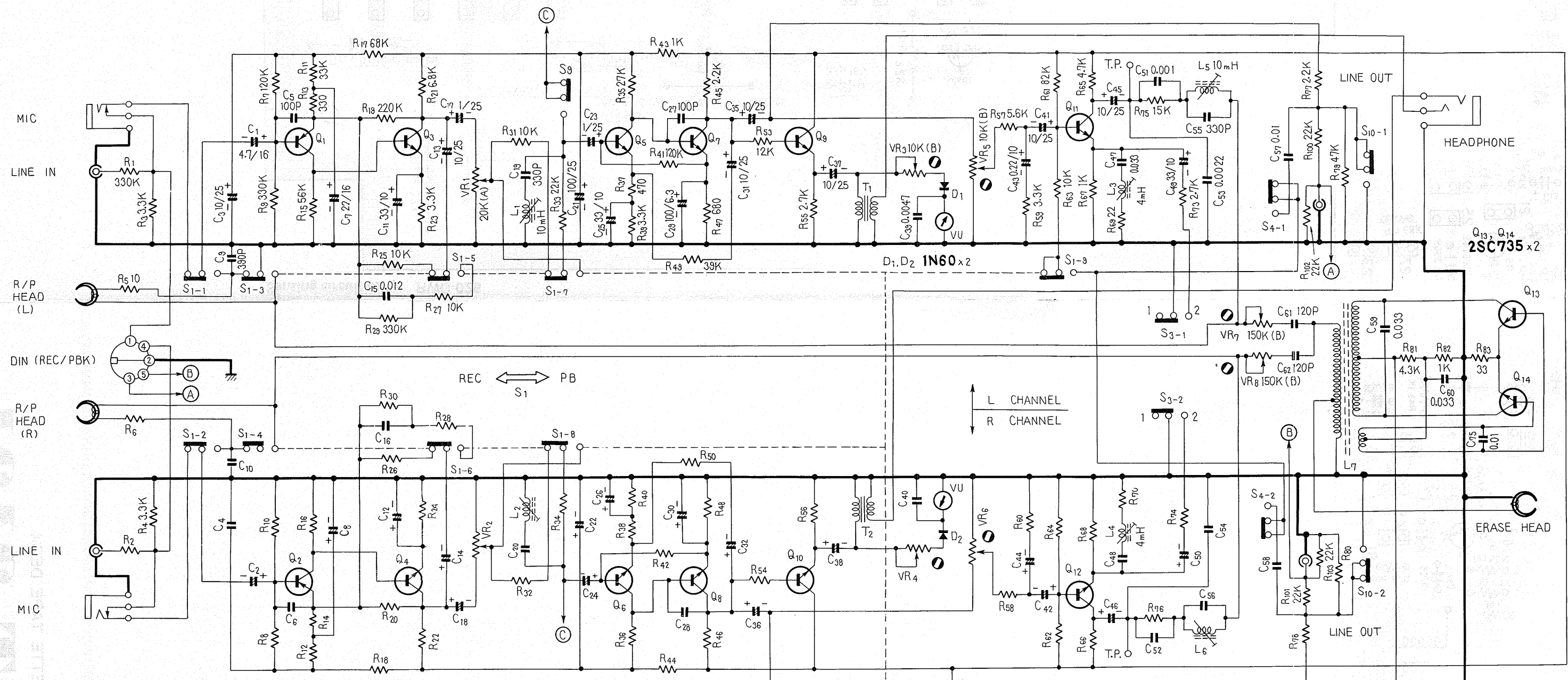
P PV Q KU KC

25

CL-3131

CT-3131

Q₁, Q₂ 2SA721 × 2 Q₃, Q₄ 2SC644 × 2 Q₅, Q₆ 2SC644 × 2 Q₇, Q₈ 2SC828 × 2 Q₉, Q₁₀ 2SC828 × 2 Q₁₁, Q₁₂ 2SC828 × 2

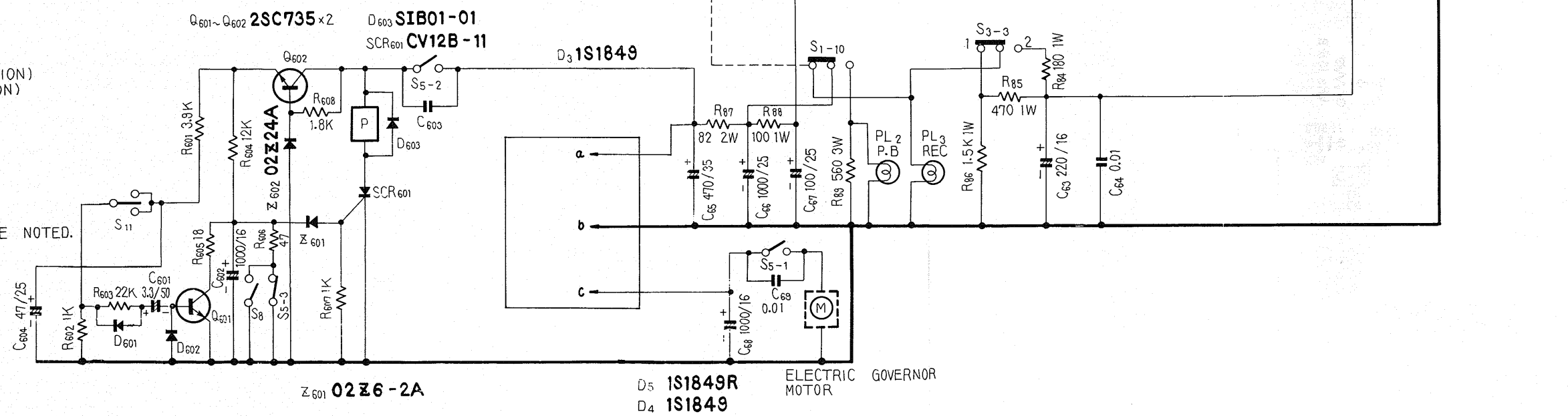


- S₃₋₁ ~ S₃₋₃ TAPE SELECT SWITCH
 1 - NORMAL
 2 - CHROME
- S₄₋₁ ~ S₄₋₂ NOISE CUT SWITCH (OFF POSITION)
 STOP SWITCH (STOP POSITION)
- S₅₋₁ ~ S₅₋₃ POWER SWITCH
- VR₁, VR₂ REC/PBK VOLUME
 METER ADJ
 VR₃, VR₄ REC LEVEL ADJ
 VR₅, VR₆ BIAS ADJ

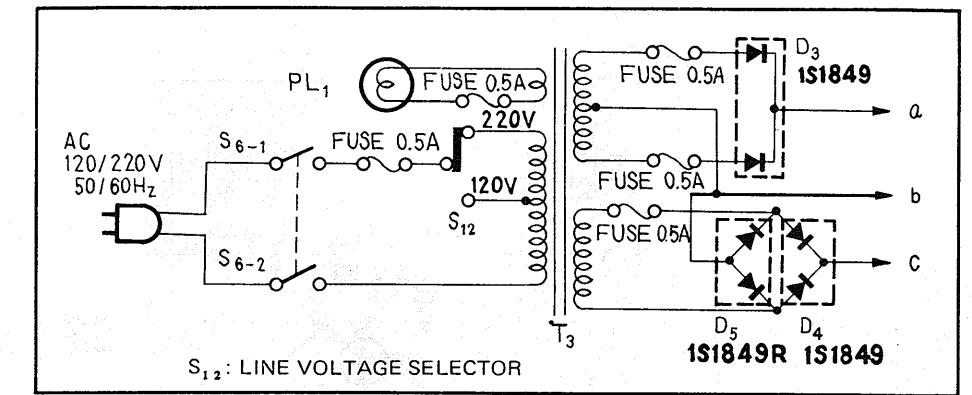
RESISTORS
 IN OHM, 1/4W, ±5% TOLERANCE UNLESS OTHERWISE NOTED.
 K : KΩ M : MΩ

CAPACITORS
 IN μF UNLESS OTHERWISE NOTED.
 P : pF

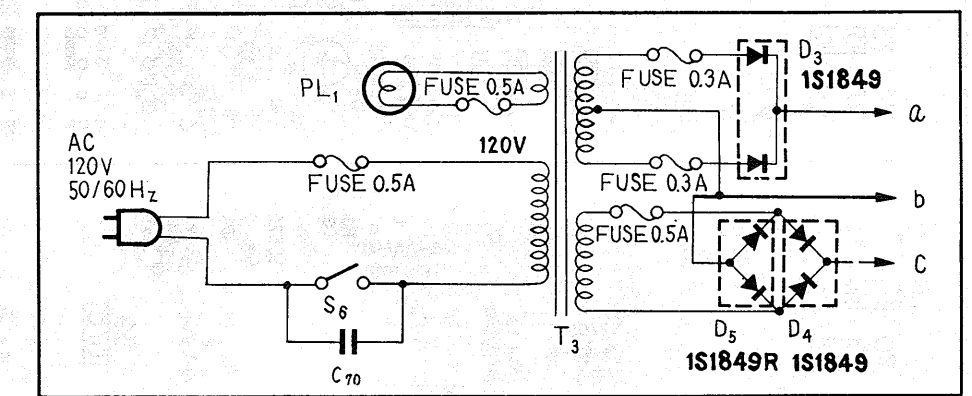
NOTES
 Ⓢ: DC VOLTAGE AT NO INPUT SIGNAL.
 Ⓜ: DC CURRENT AT NO INPUT SIGNAL.



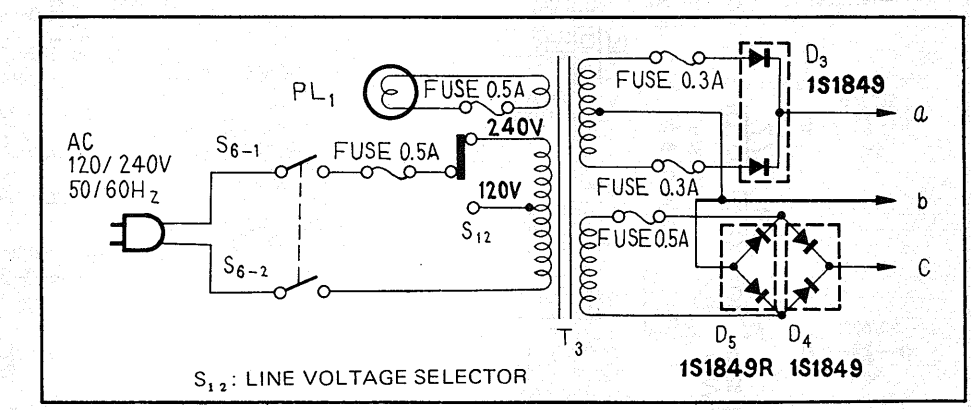
PV model (120V/220V, SEV approved)

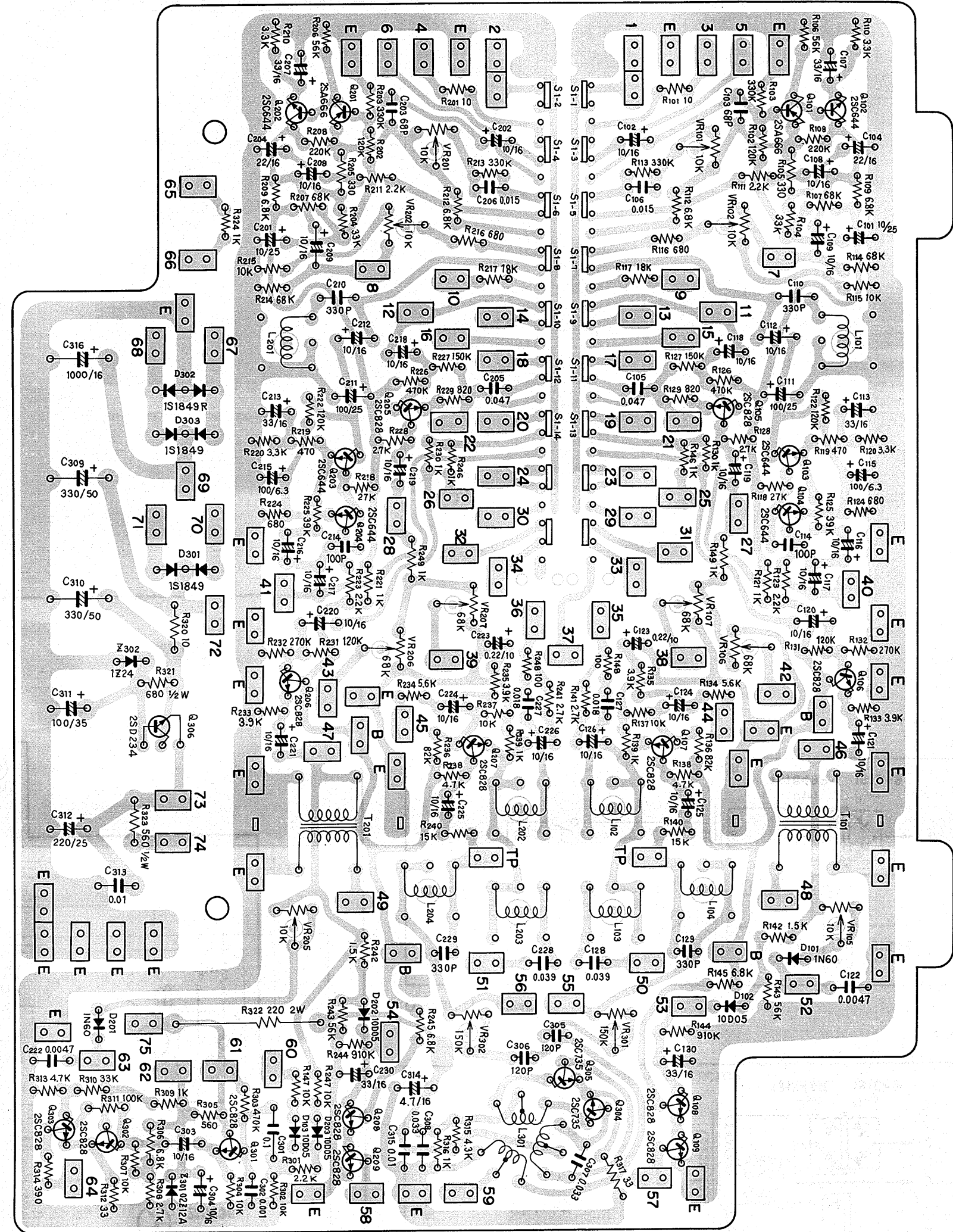


KU model (120V only, UL approved)
 KC model (120V only, CSA approved)

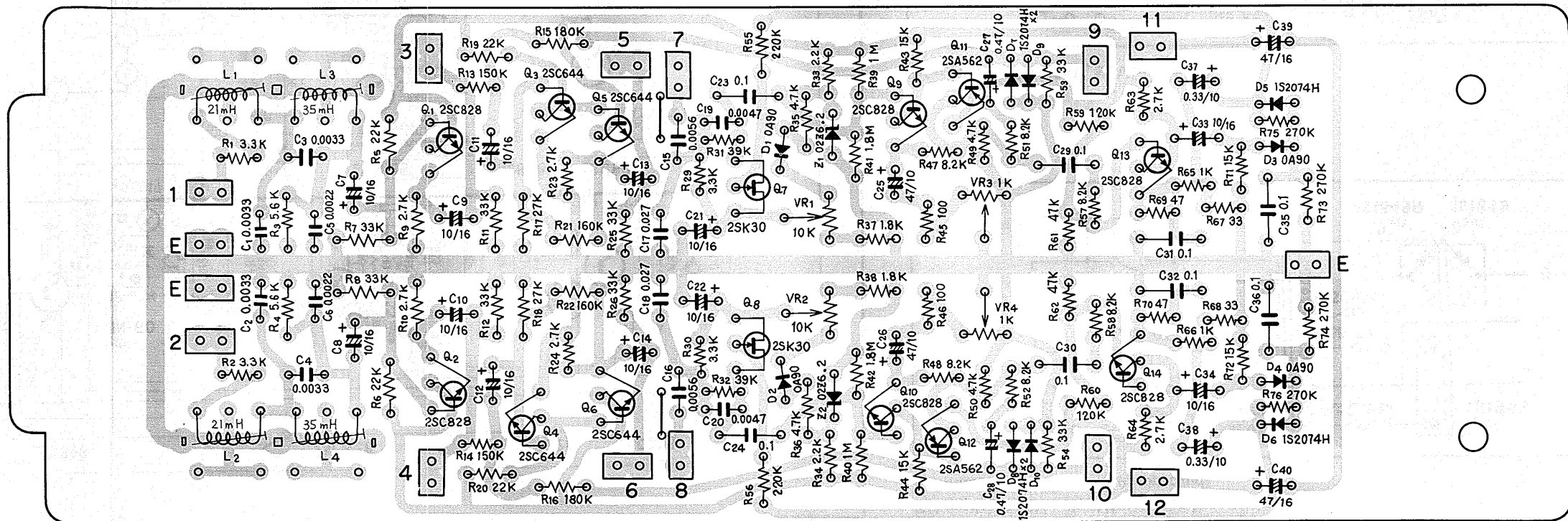


Q model (120V/240V)

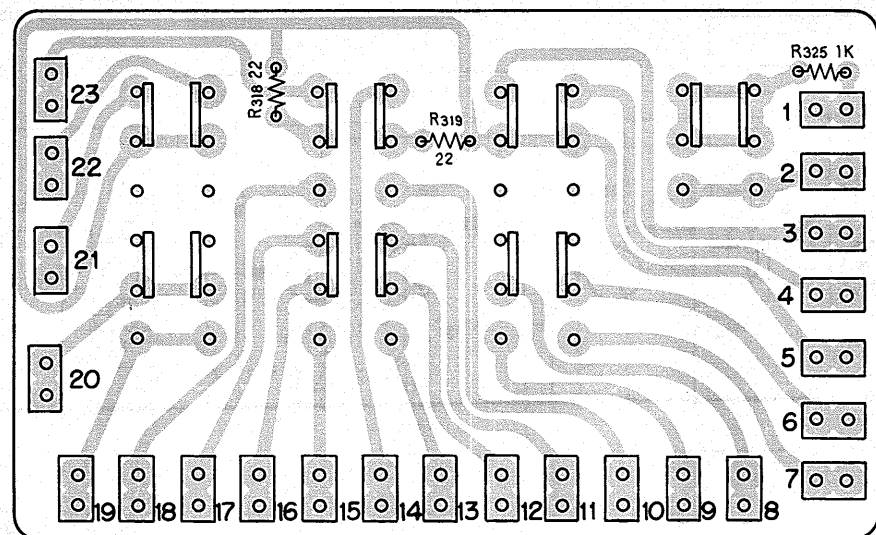




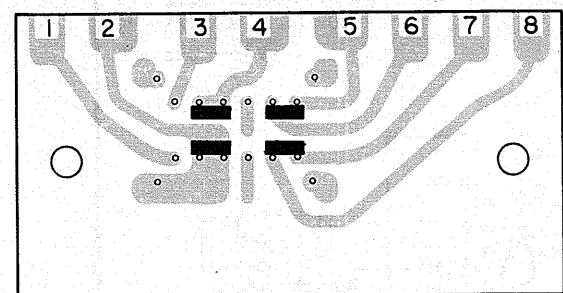
Dolby processor ass'y RWX-026



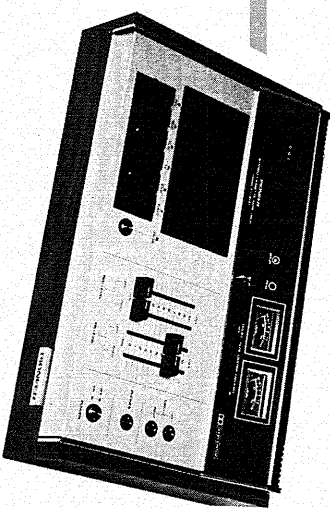
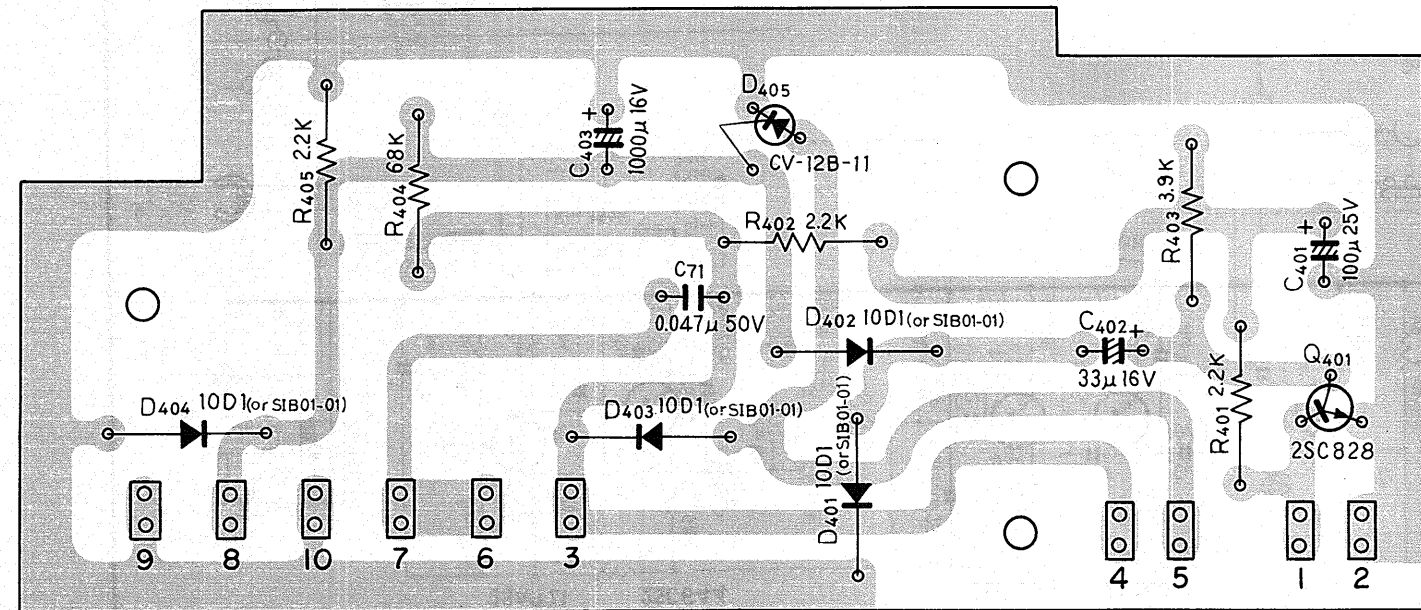
Push switch ass'y RWS-007



Switch circuit ass'y C RWS-010



Sensing circuit ass'y RWG-026



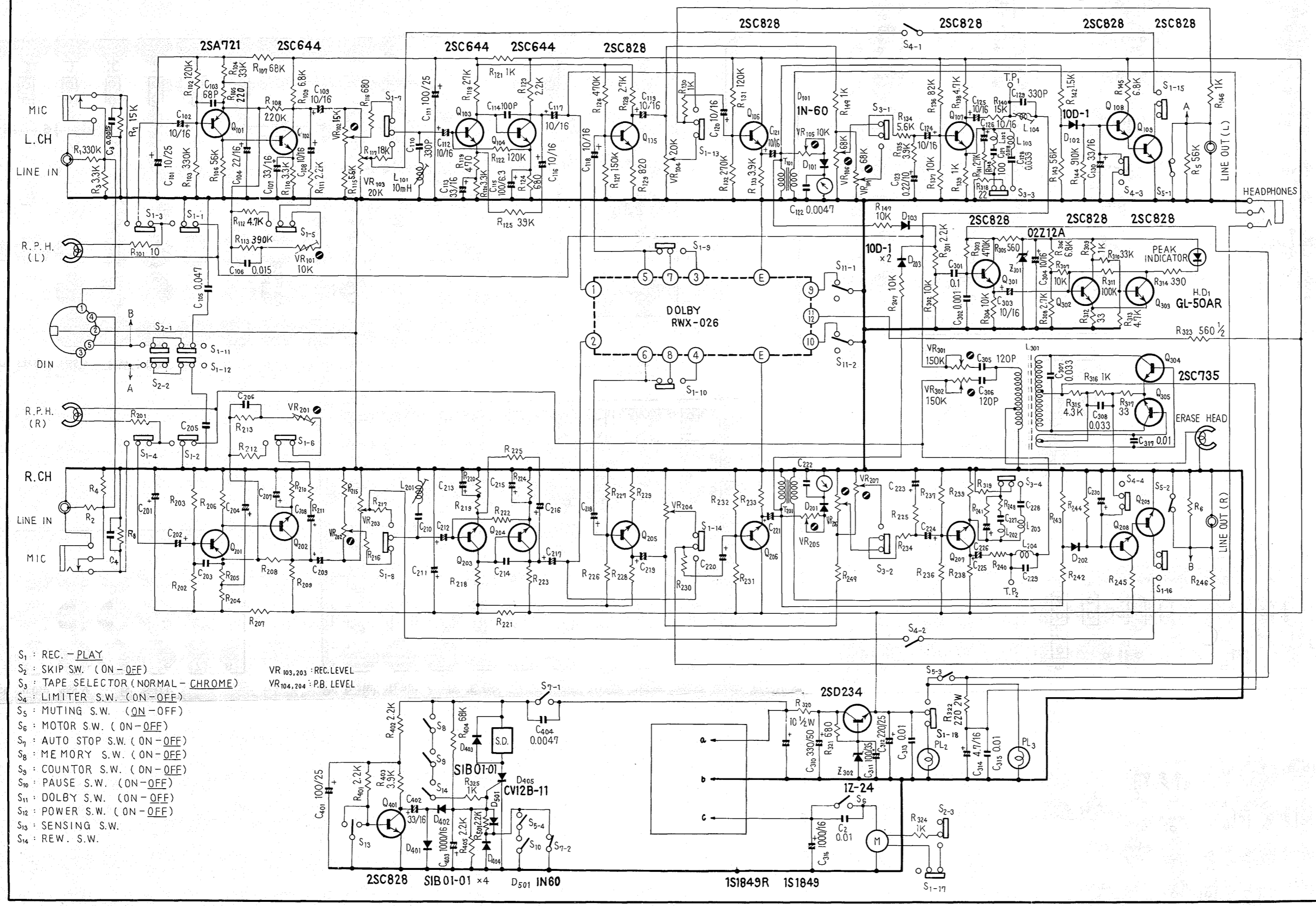
CASSETTE TAPE DECK

CT-4141

KC KUP PV Q

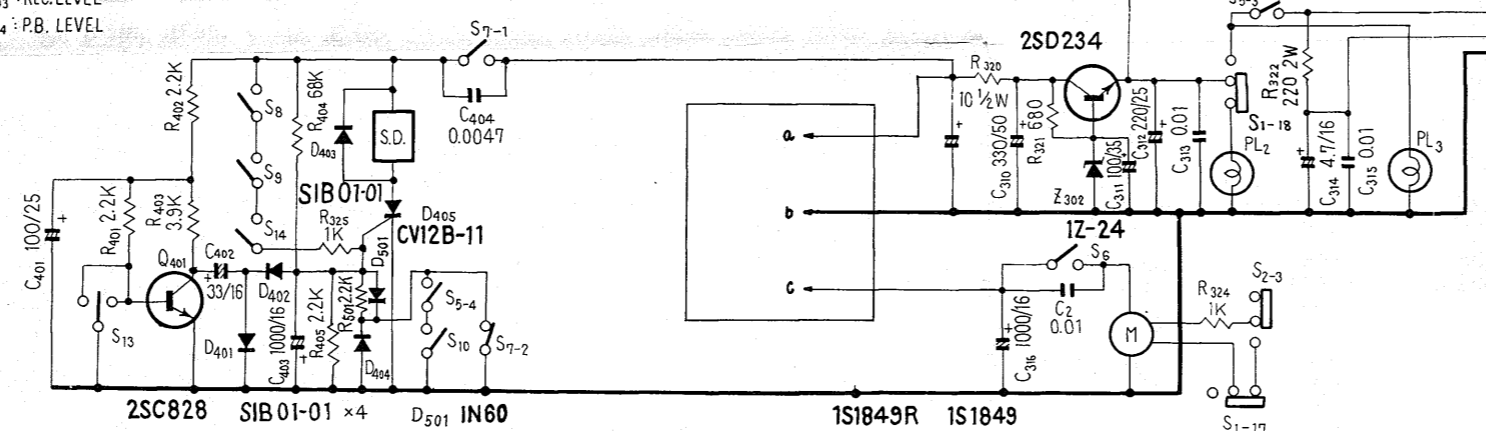
26

CT-4141

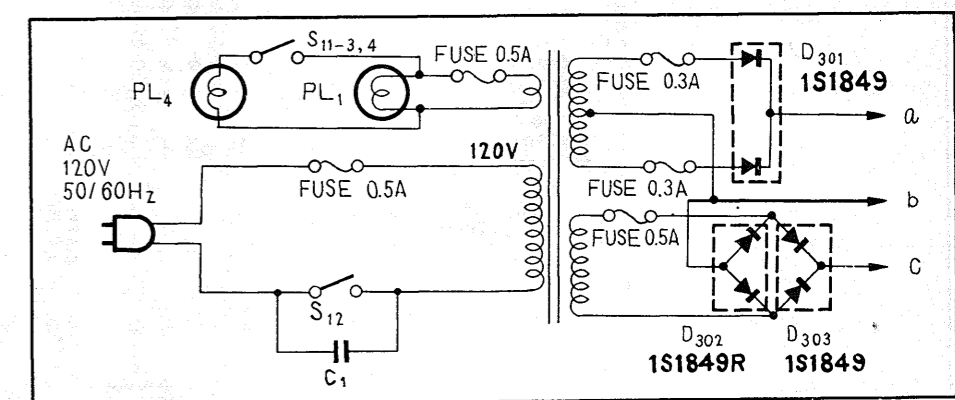


- S₁: REC. - PLAY
- S₂: SKIP SW. (ON-OFF)
- S₃: TAPE SELECTOR (NORMAL - CHROME)
- S₄: LIMITER S.W. (ON-OFF)
- S₅: MUTING S.W. (ON-OFF)
- S₆: MOTOR S.W. (ON-OFF)
- S₇: AUTO STOP S.W. (ON-OFF)
- S₈: MEMORY S.W. (ON-OFF)
- S₉: COUNTER S.W. (ON-OFF)
- S₁₀: PAUSE S.W. (ON-OFF)
- S₁₁: DOLBY S.W. (ON-OFF)
- S₁₂: POWER S.W. (ON-OFF)
- S₁₃: SENSING S.W.
- S₁₄: REW. S.W.

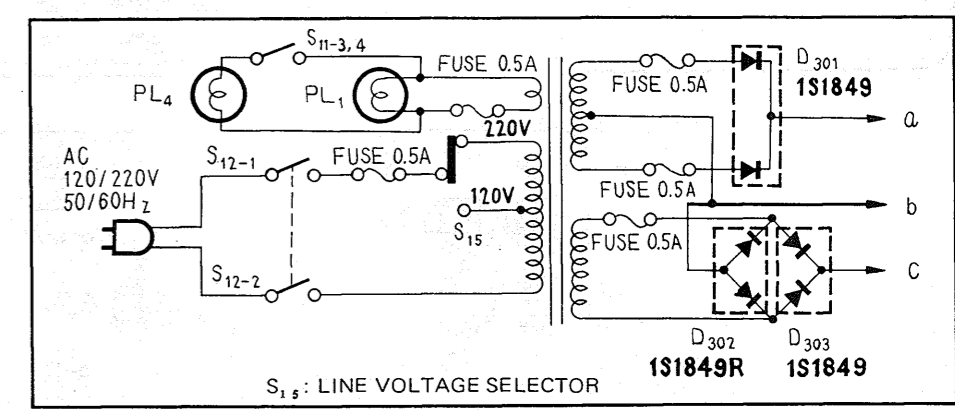
VR_{103,203}: REC. LEVEL
 VR_{104,204}: P.B. LEVEL



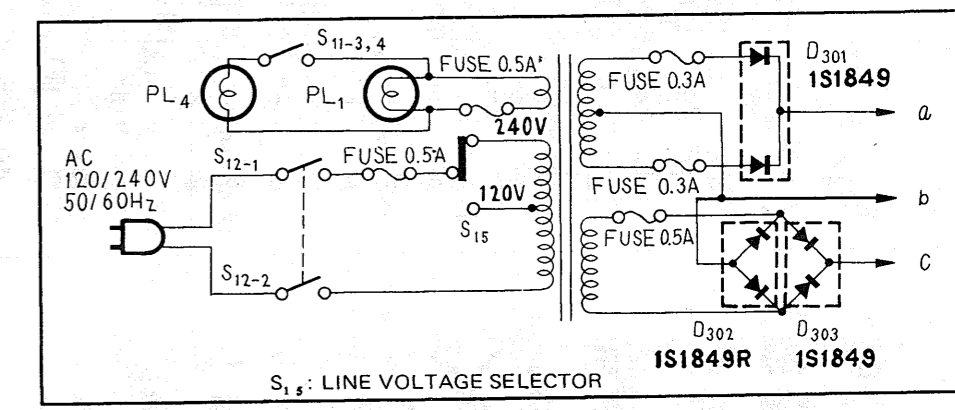
KU model (120V only, UL approved)
 KC model (120V only, CSA approved)



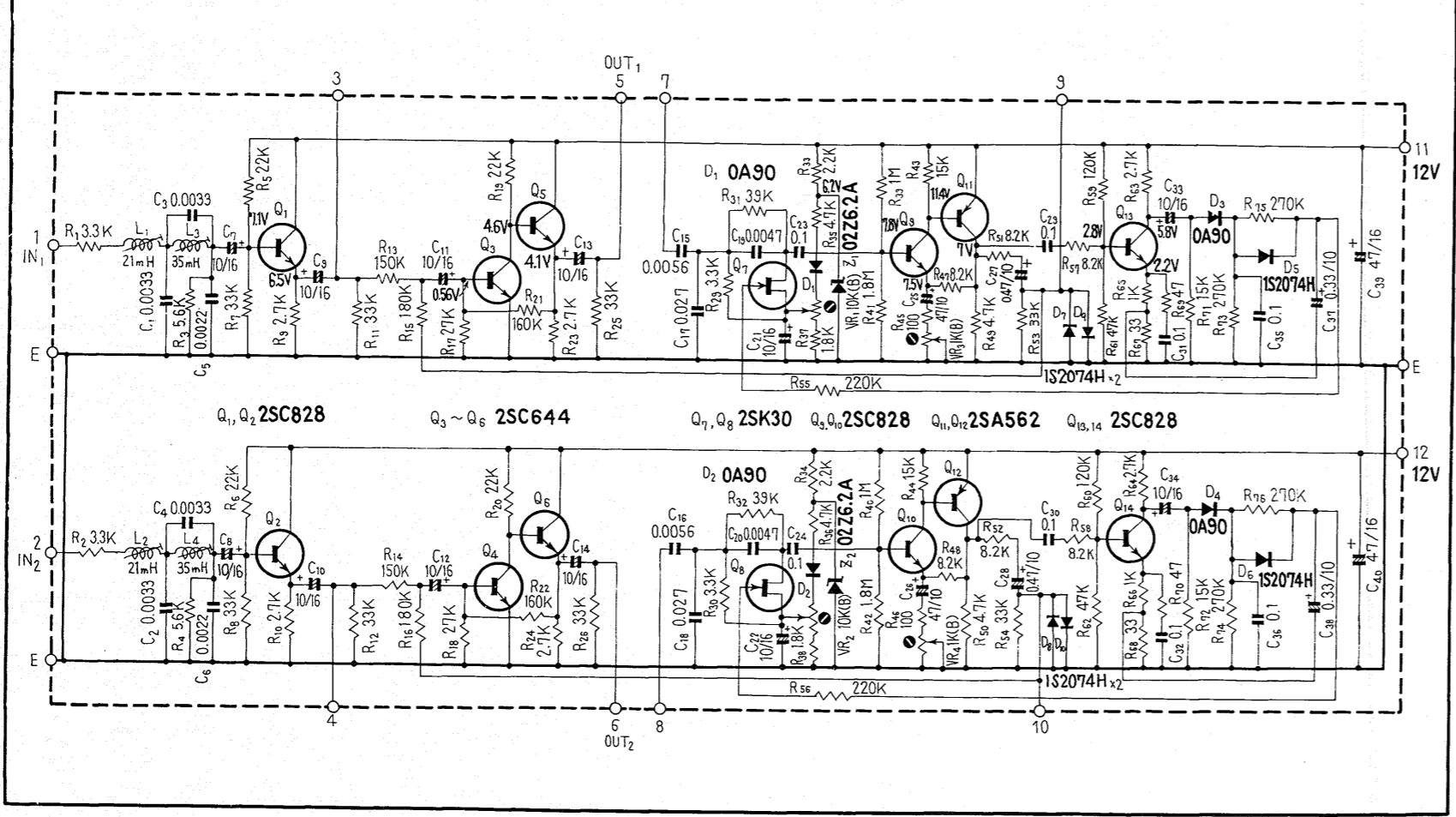
PV model (120V/220V, SEV approved)

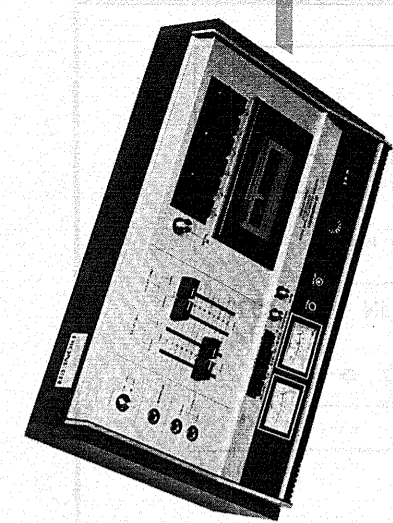


Q model (120V/240V)



Dolby asse'y RWX-026





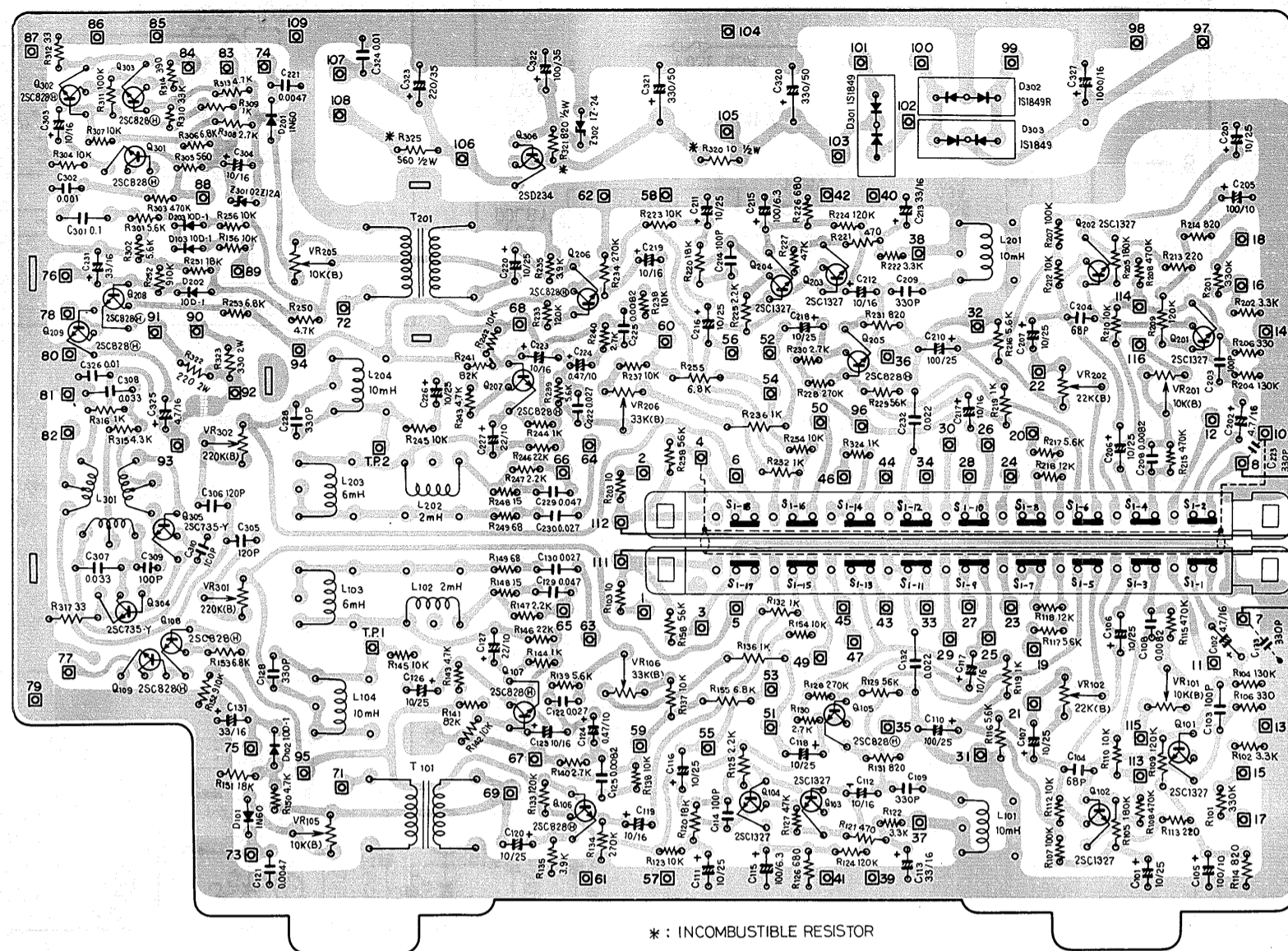
CASSETTE TAPE DECK

CT-5151

KCU BP PV Q

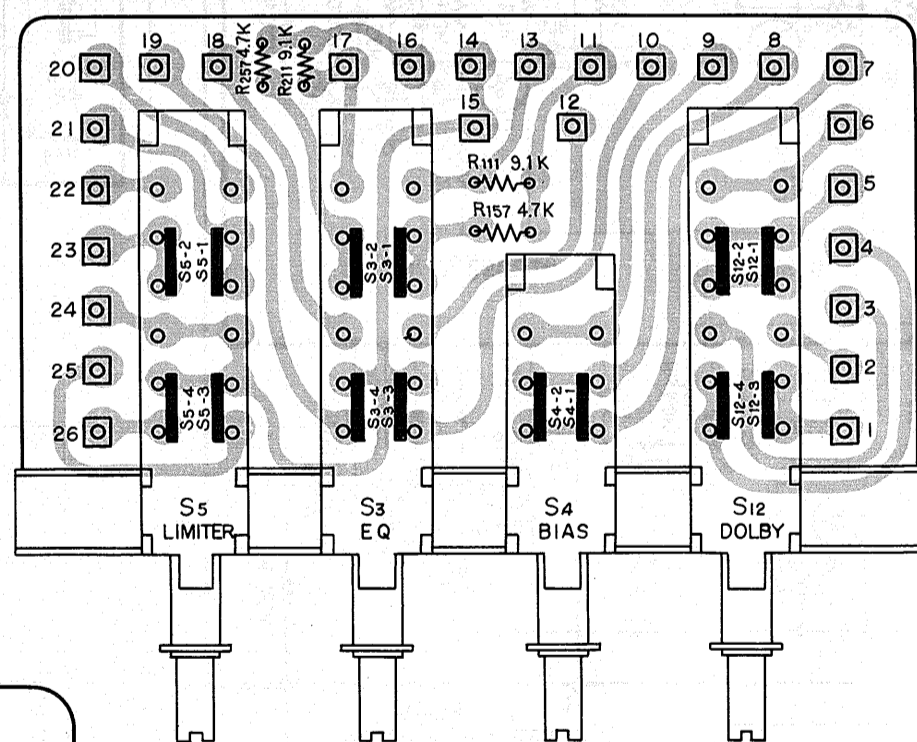
27

REC/PB amp ass'y RWF-024

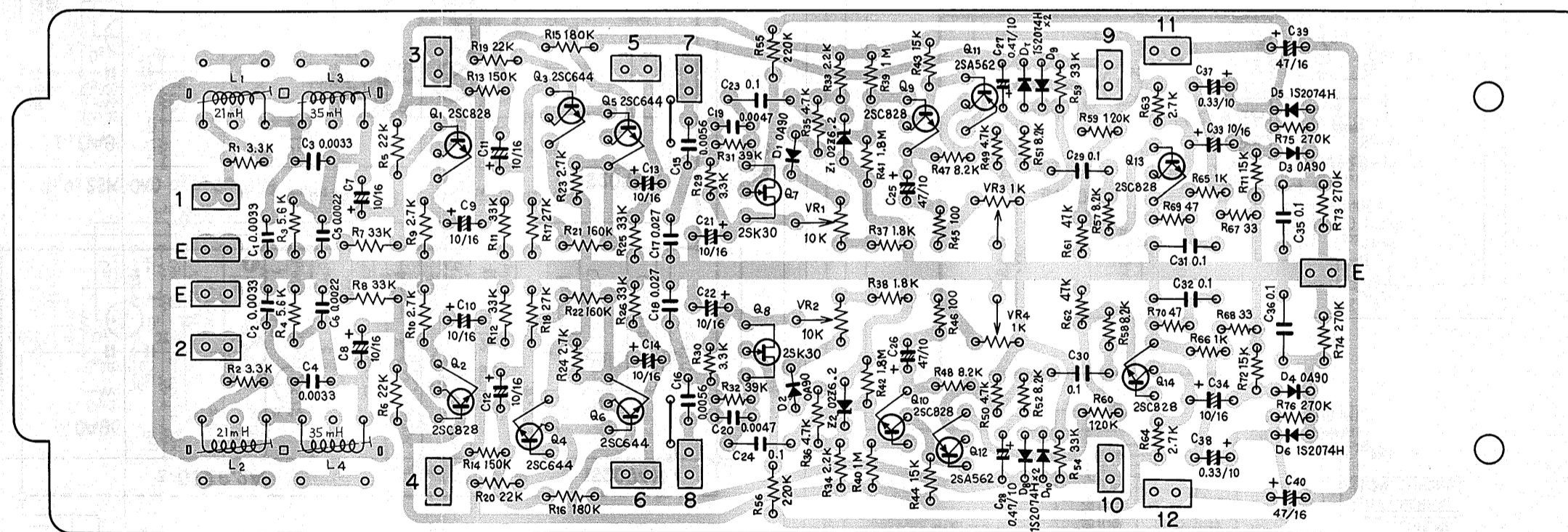


* : INCOMBUSTIBLE RESISTOR

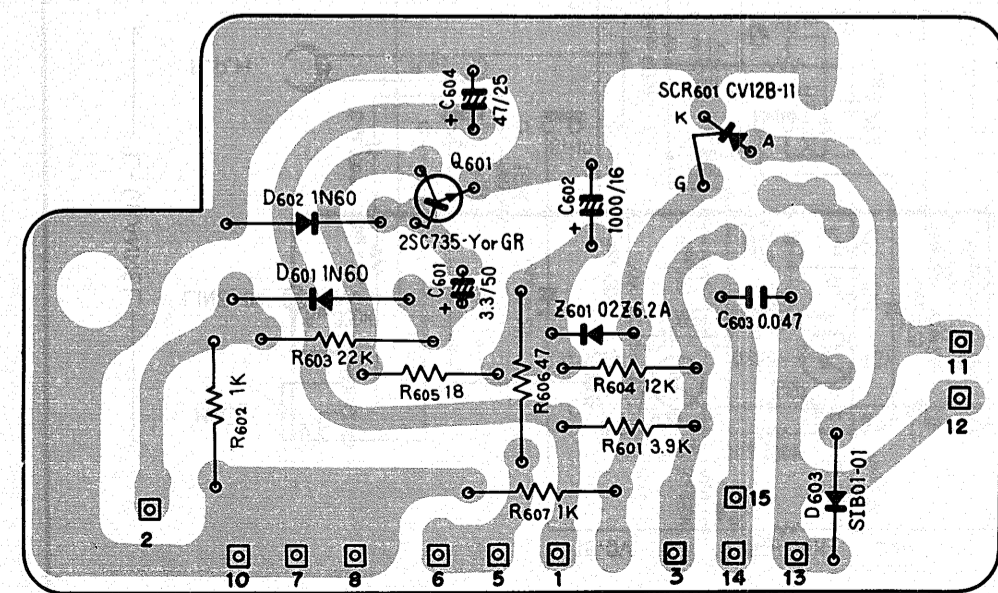
Push switch ass'y RWS-019



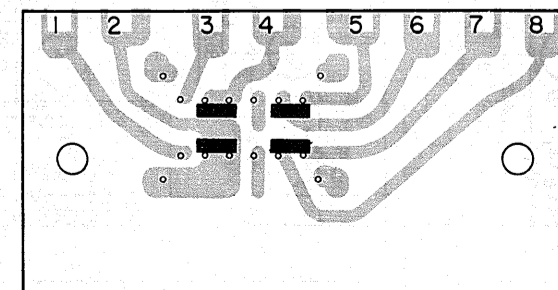
Dolby processor ass'y RWX-026

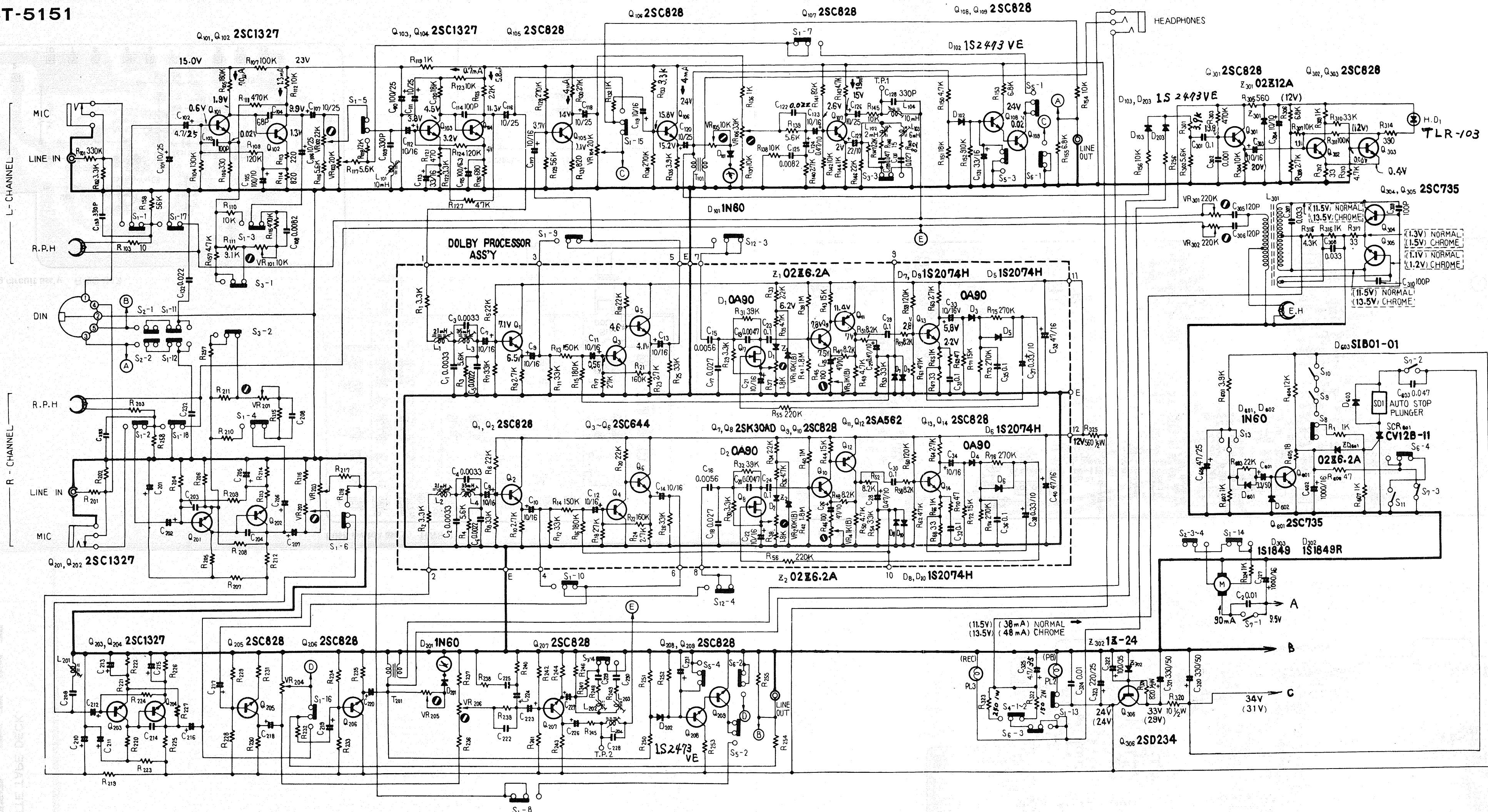


Sensing circuit ass'y RWG-043



Switch circuit ass'y RWS-010





NOTES

- S₁₋₁₋₁₈ : REC - PLAY (PLAY)
- S₂₋₁₋₂₋₄ : SKIP SW. (OFF)
- S₃₋₁₋₂₋₄ : EQ SW. (CHROME)
- S₄₋₁₋₂ : BIAS SW. (CHROME)
- S₅₋₁₋₂₋₄ : LIMITER SW. (OFF)
- S₆₋₁₋₂₋₄ : MUTING SW. (OFF)

- S₇₋₁ : MOTOR SW. (OFF)
- S₇₋₂₋₃ : AUTO STOP SW. (OFF)
- S₈ : MEMORY SW. (OFF)
- S₉ : REW. SW. (OFF)
- S₁₀ : COUNTER SW. (OFF)
- S₁₁ : PAUSE SW. (OFF)

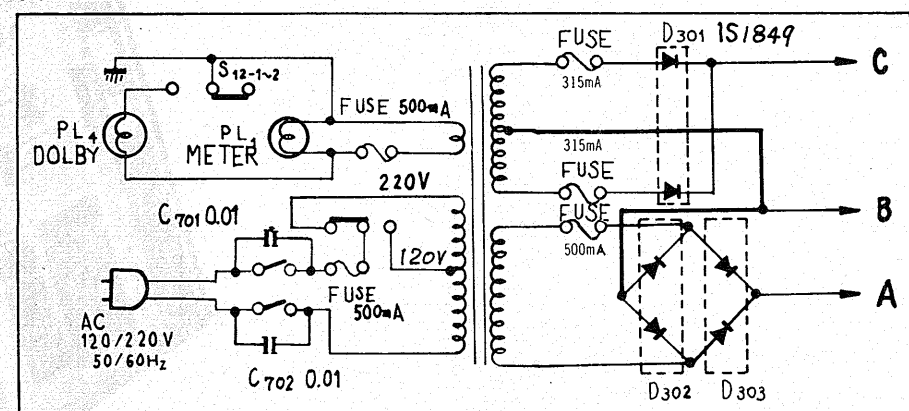
- S₁₂₋₁₋₄ : DOLBY SW. (OFF)
- S₁₃ : SENSING SW.
- S₁₄ : POWER SW.

(V) : DC VOLTAGE AT RECORD FUNCTION.
 (V) : DC VOLTAGE AT PLAYBACK FUNCTION.

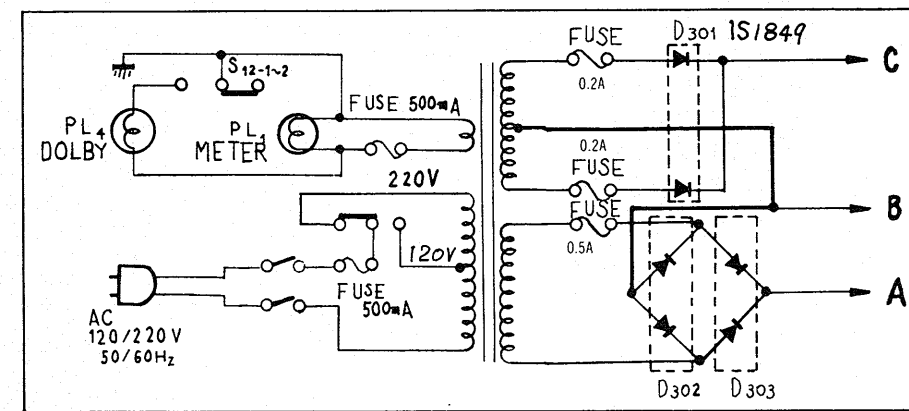
RESISTORS
 IN OHM, 1/4 W, ±5% TOLERANCE UNLESS OTHERWISE NOTED. K = KΩ, M = MΩ

CAPACITORS
 IN μF UNLESS OTHERWISE NOTED. P = pF

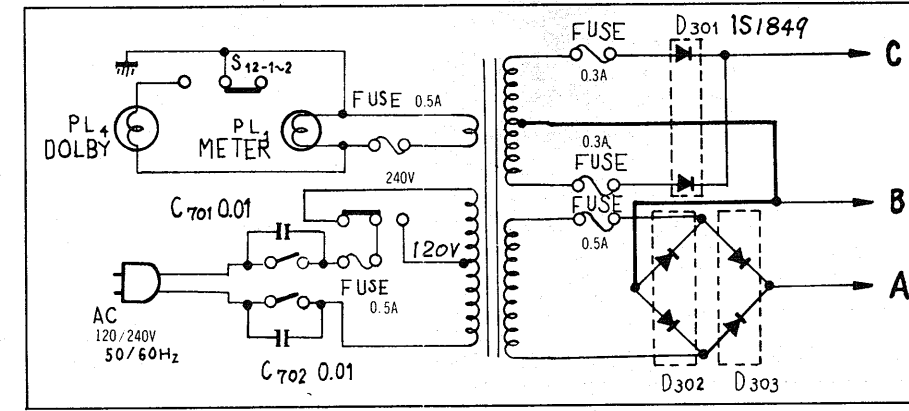
PV model



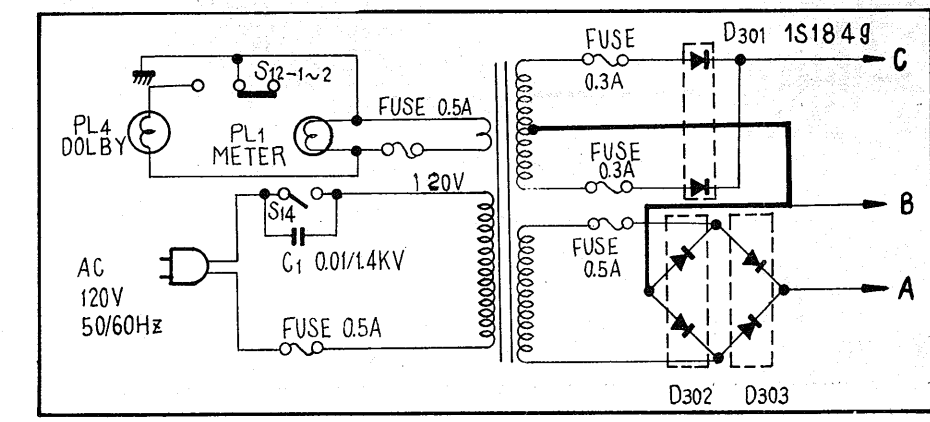
BP model

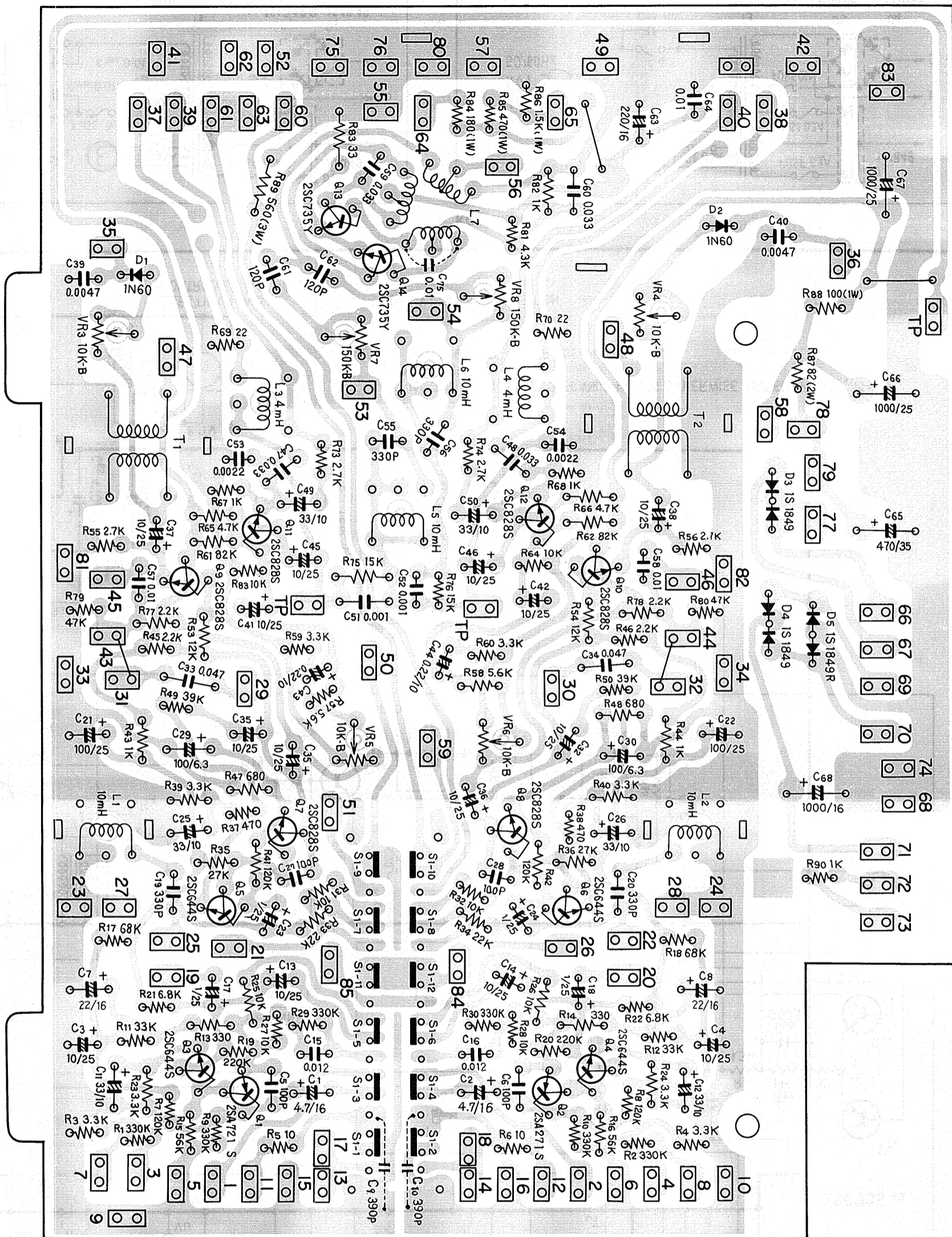


Q model



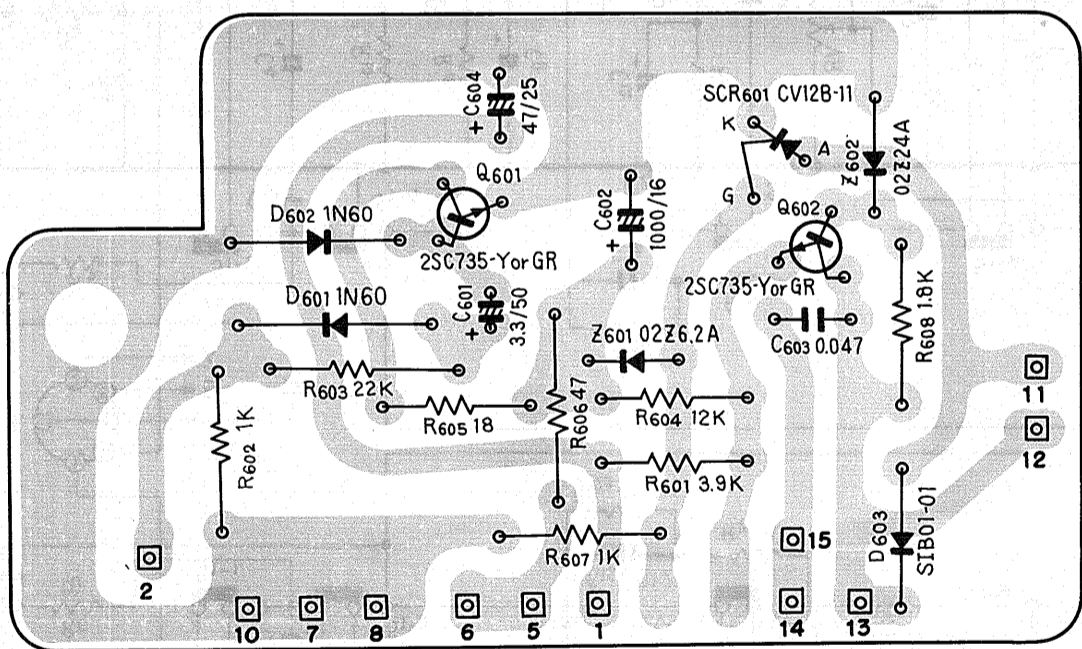
KCU model



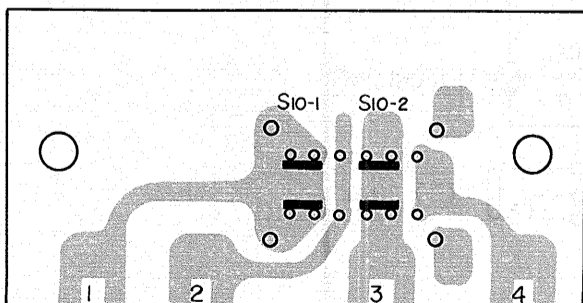


SI : REC. ← P.B. SELECT SWITCH (REC. POSITION)

Sensing circuit ass'y RWG-042

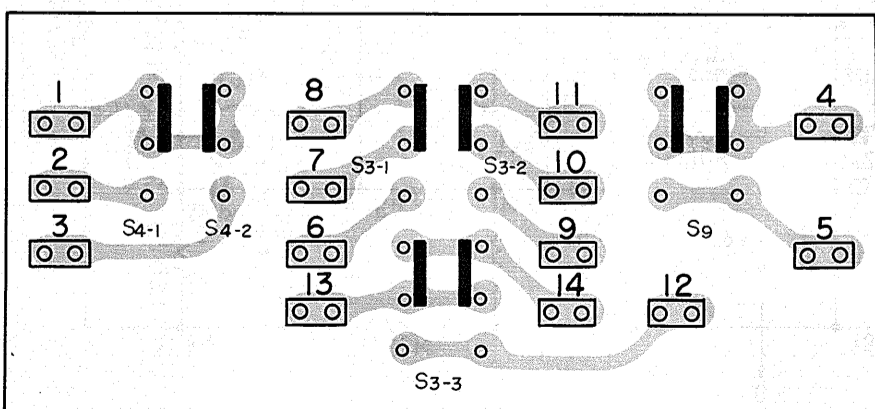


Muting switch ass'y RWS-005

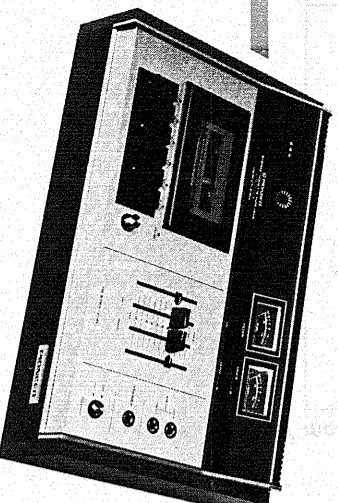


S10 : MUTING SWITCH (PLAY POSITION)

Push switch ass'y RWS-006



S3 : TAPE SELECT SWITCH (NORMAL POSITION)
S4 : NOISE FILTER SWITCH (OFF POSITION)
S9 : MODE SWITCH (STEREO POSITION)

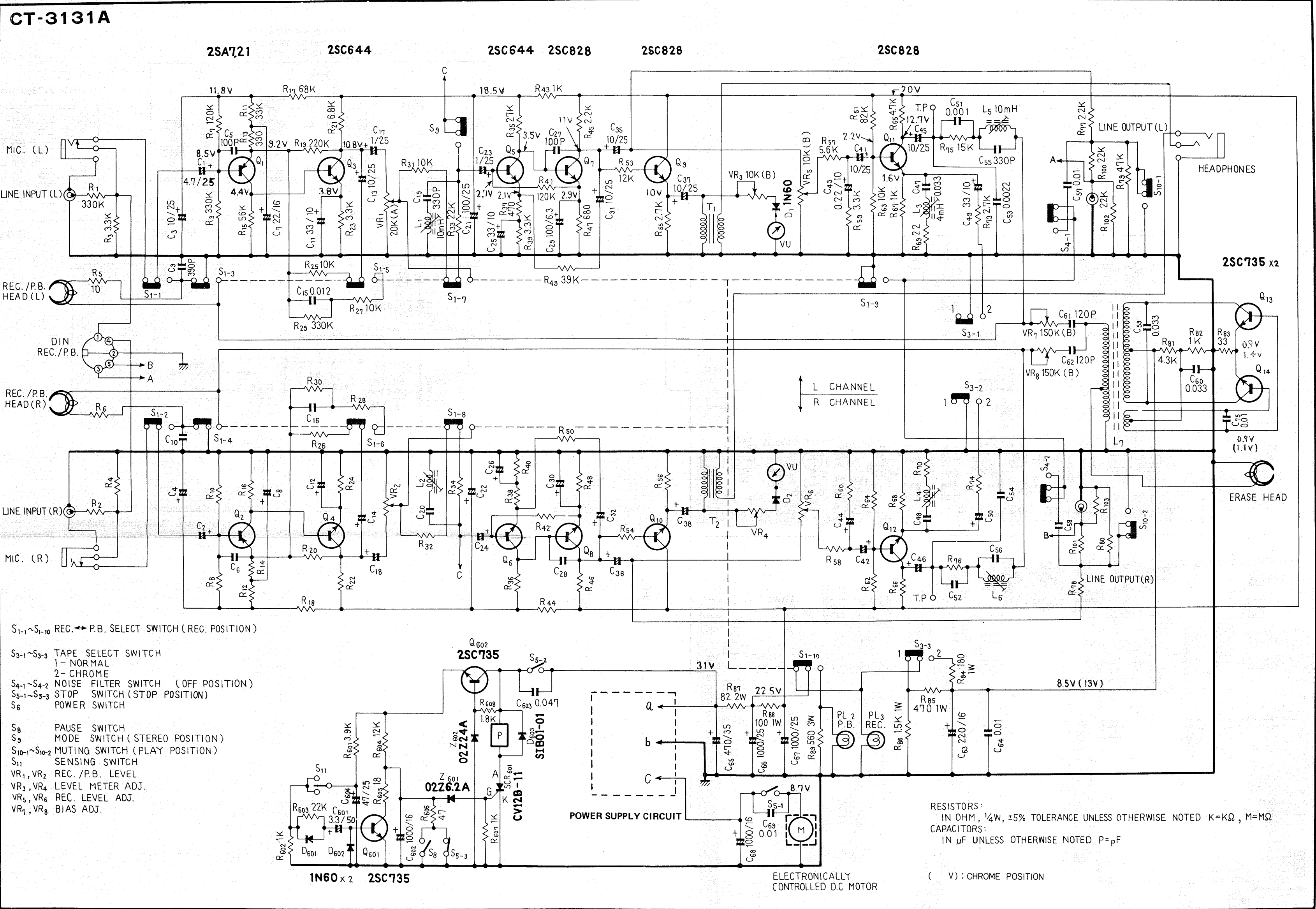


CASSETTE TAPE DECK

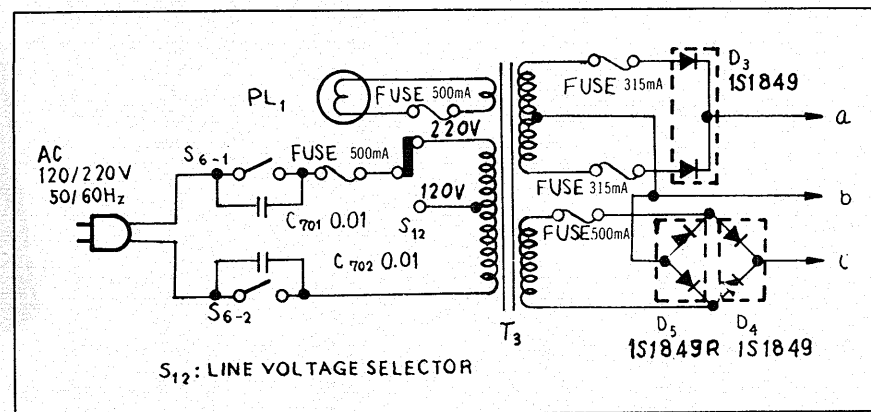
CT-3131A

KCU BP PV Q

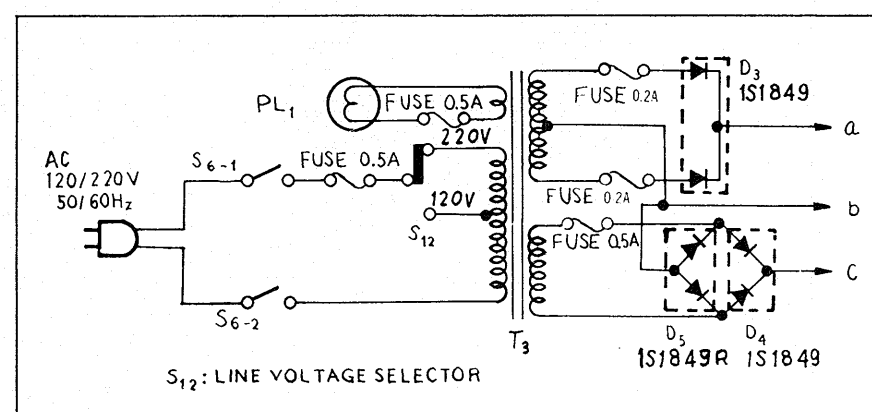
28



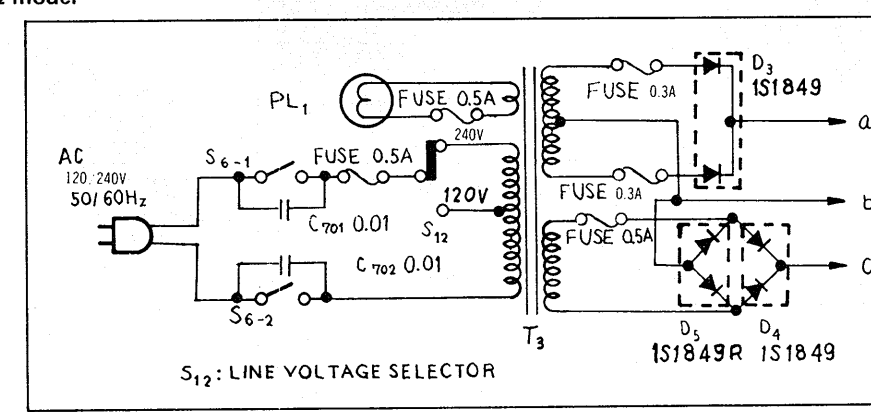
PV model



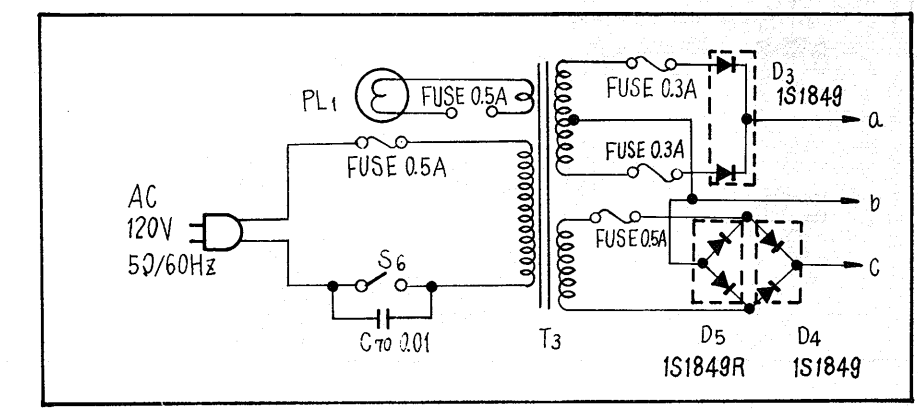
BP model

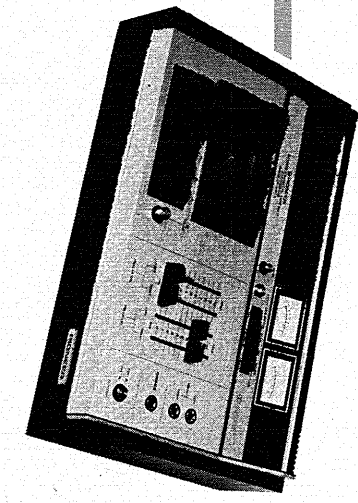


Q model



KCU model

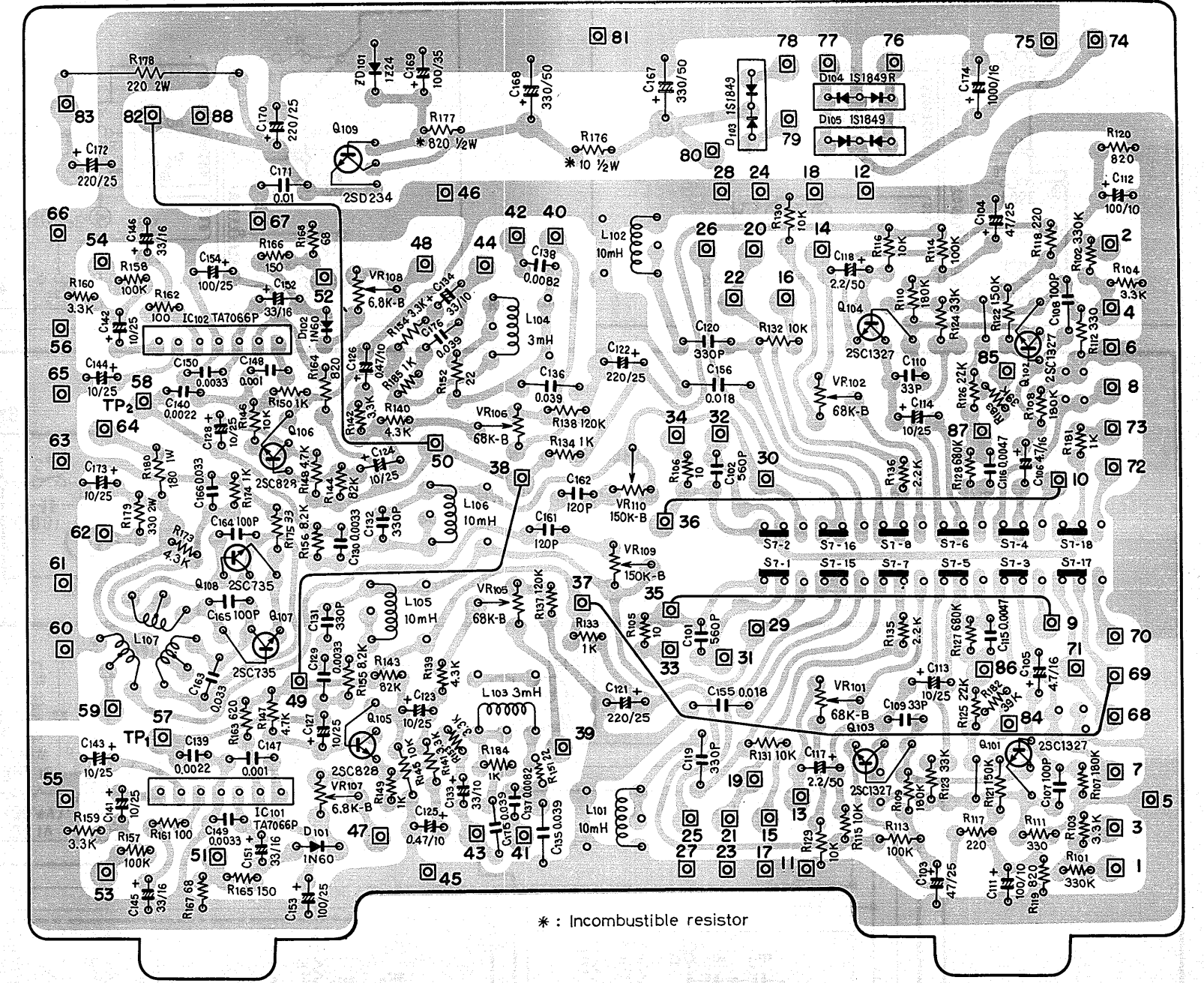




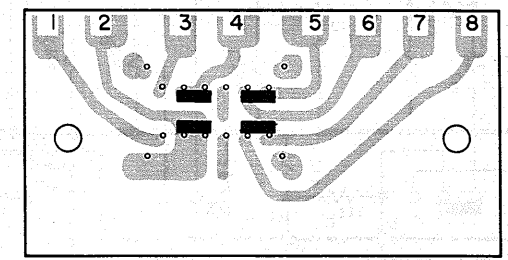
CASSETTE TAPE DECK
CT-4141A
 KCU BP PV Q

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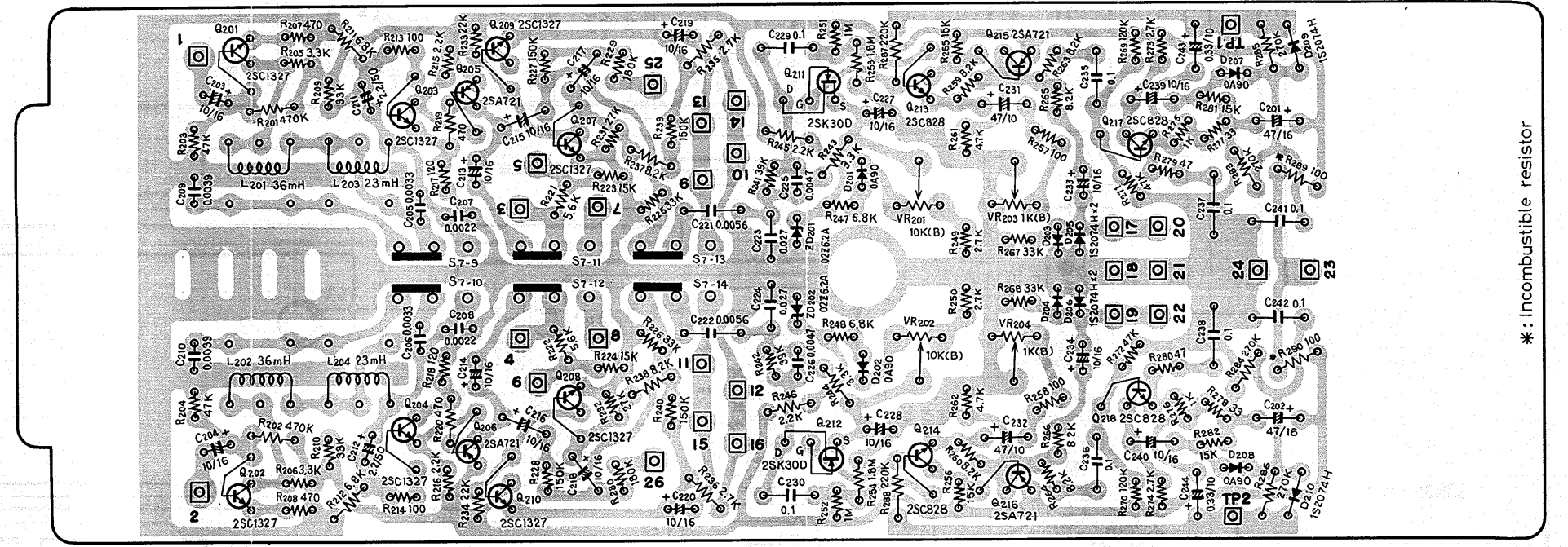
REC/PB amp ass'y RWF-019



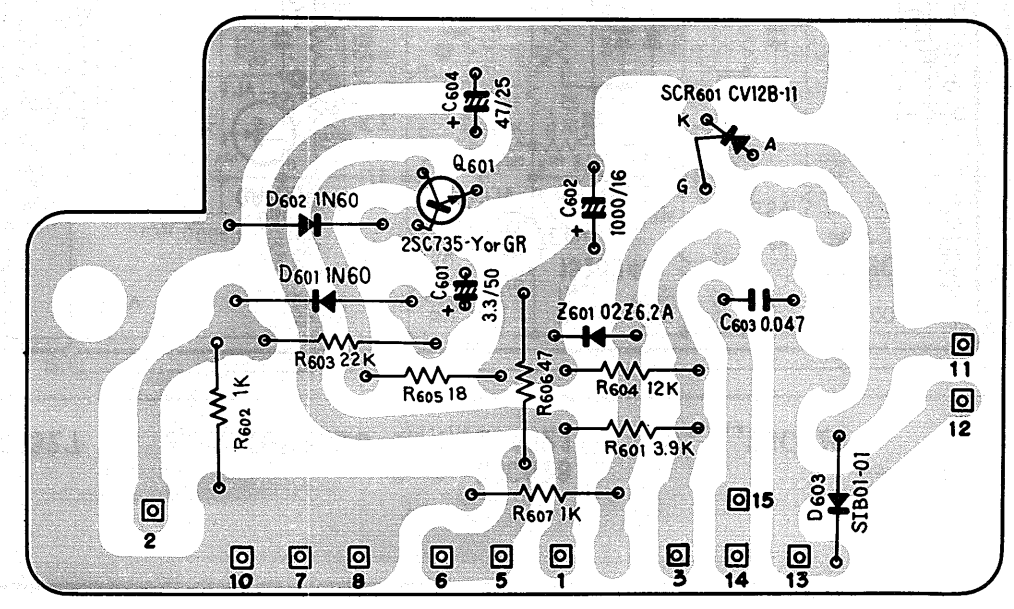
Switch circuit ass'y RWS-010



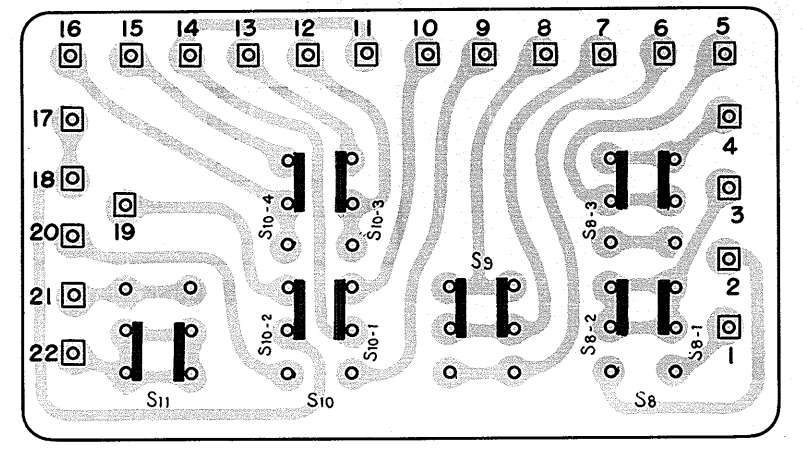
Dolby processor ass'y RWX-043



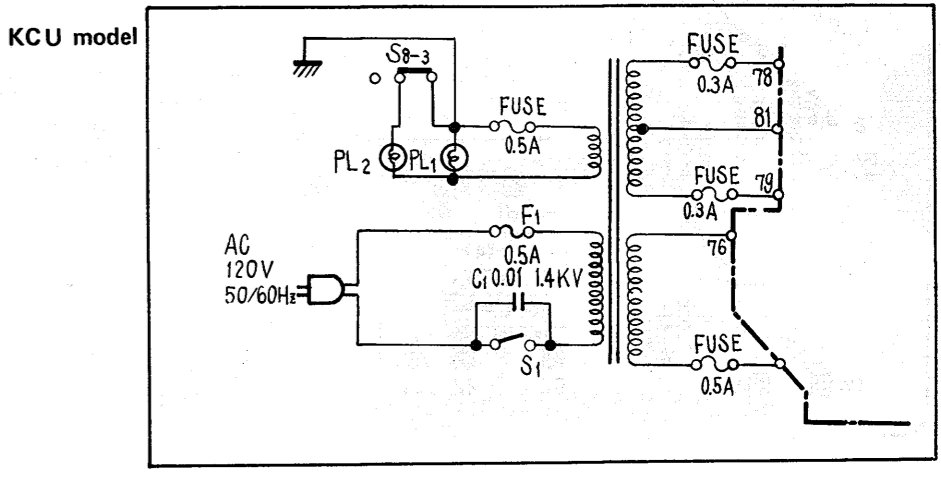
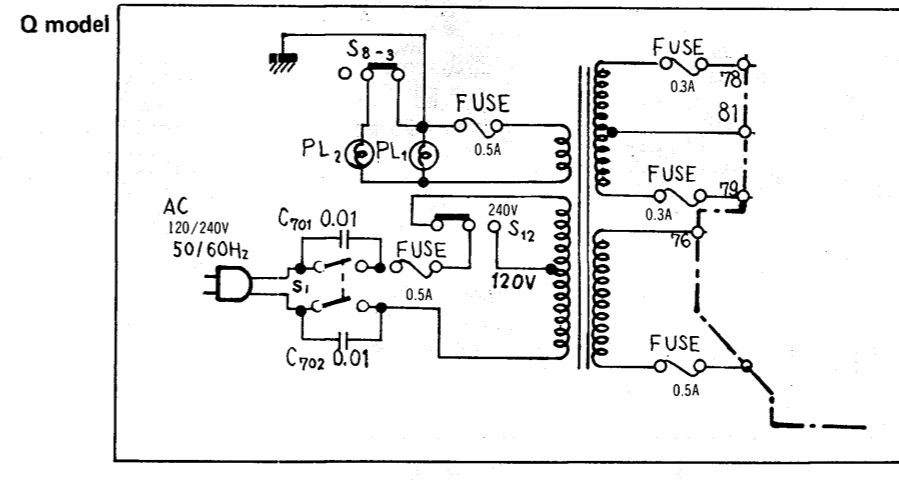
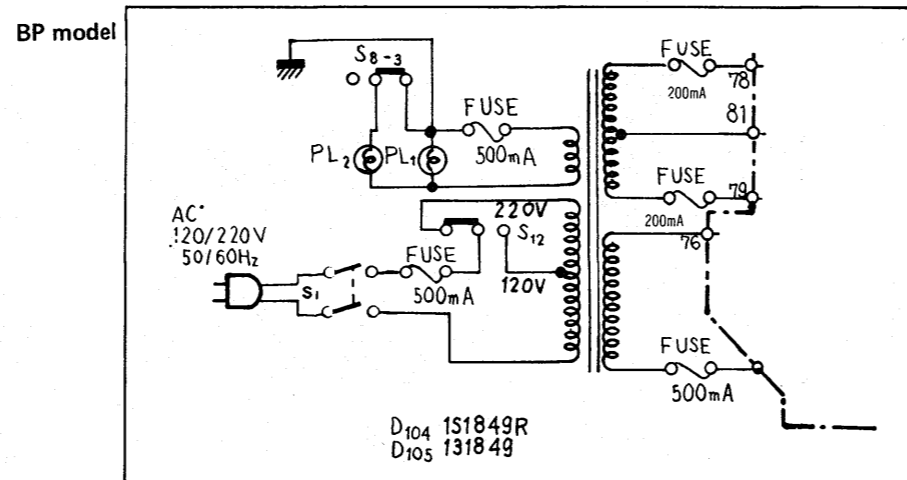
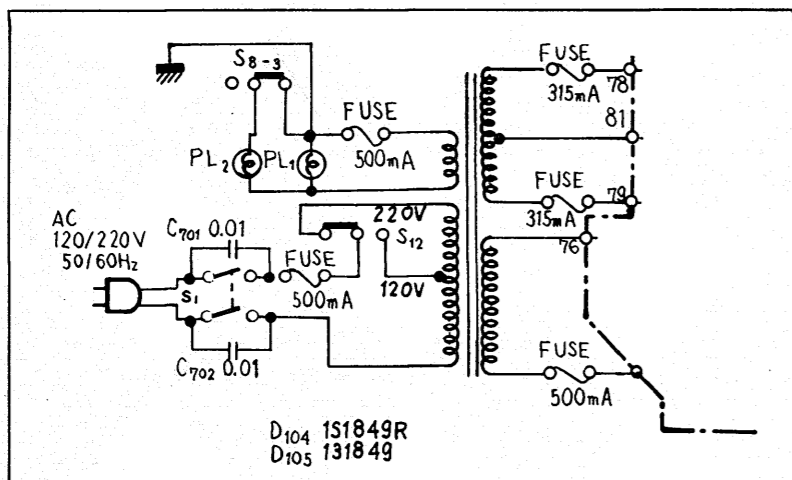
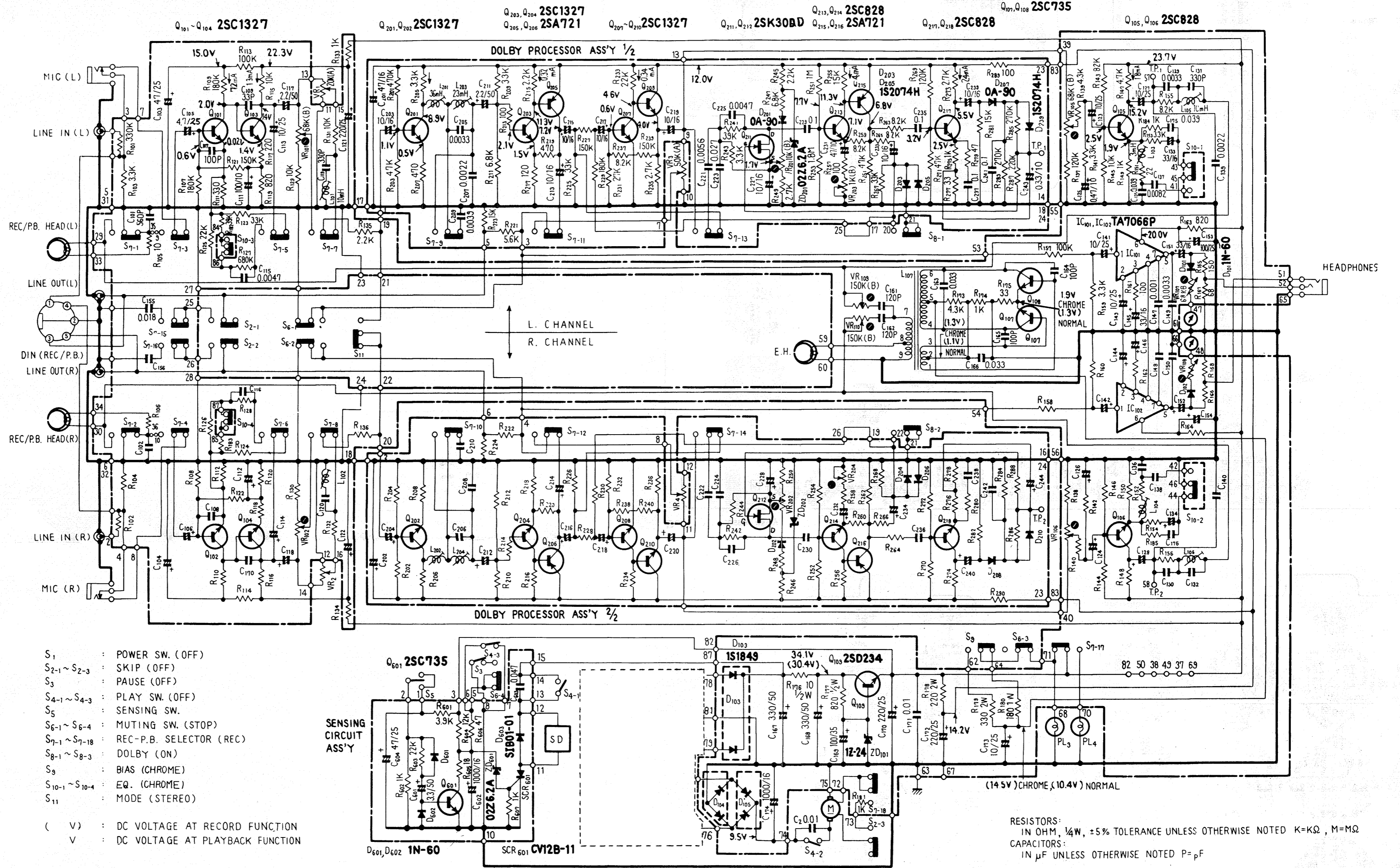
Sensing circuit ass'y RWG-043

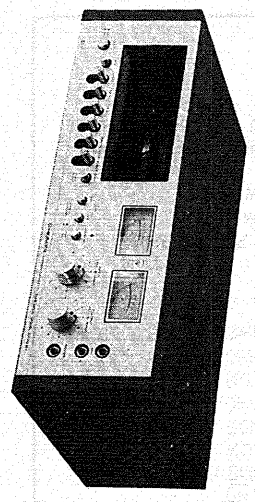


Push switch ass'y RWS-015



CT-4141A

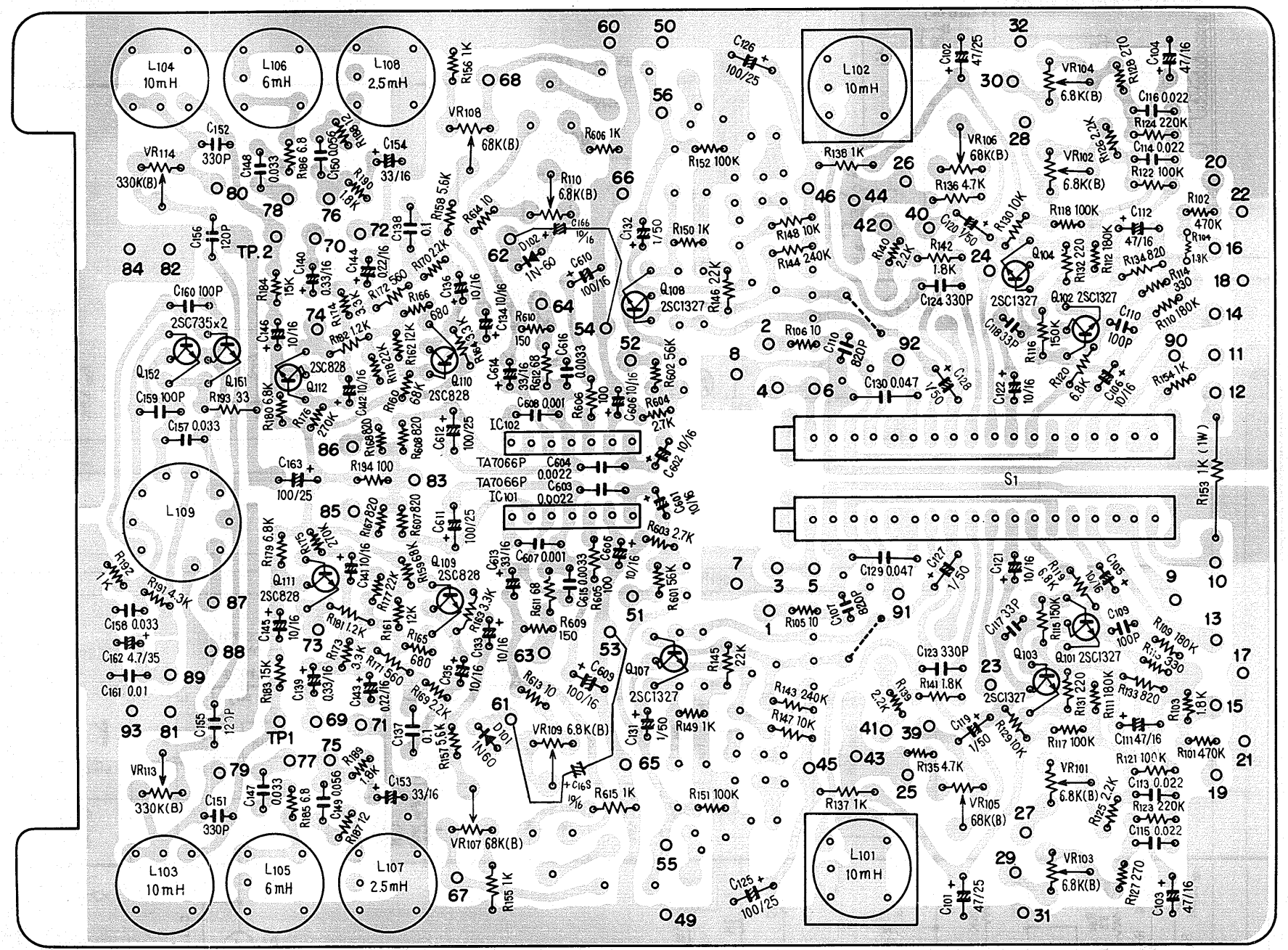




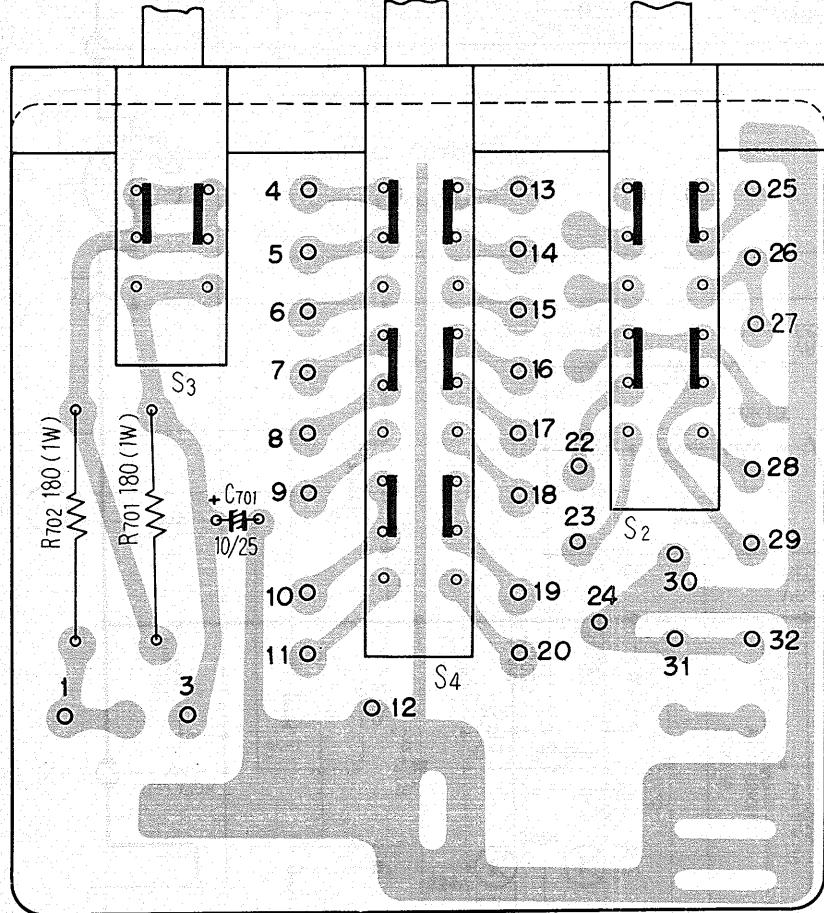
CASSETTE TAPE DECK
CT-6161
FV KCU

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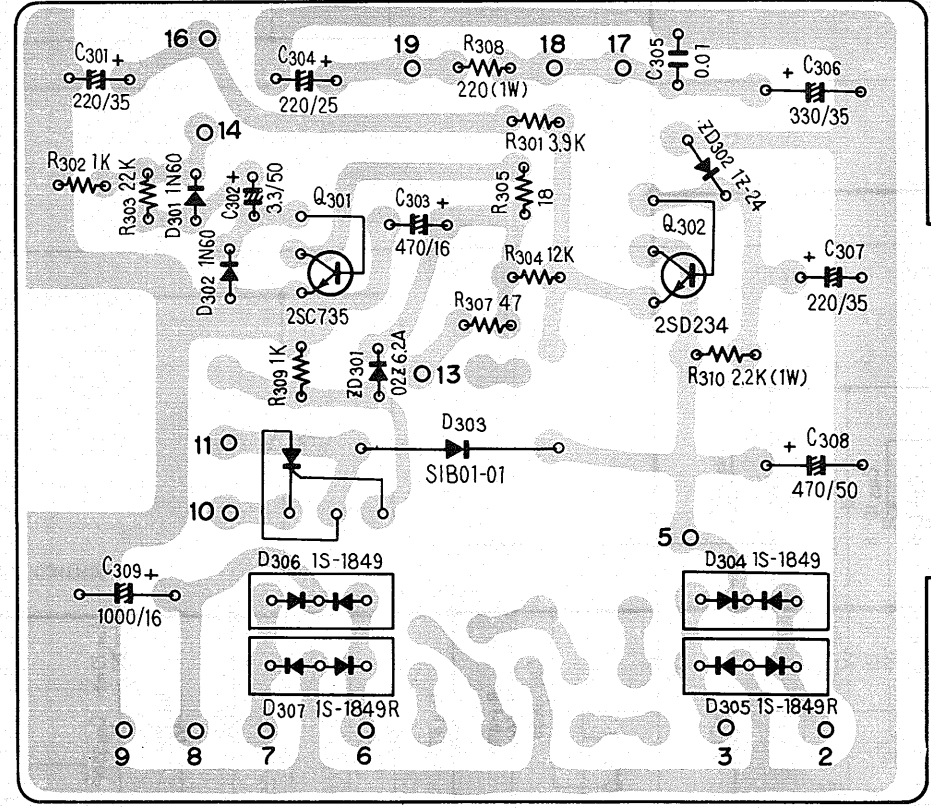
REC/PB amp ass'y RWF-038



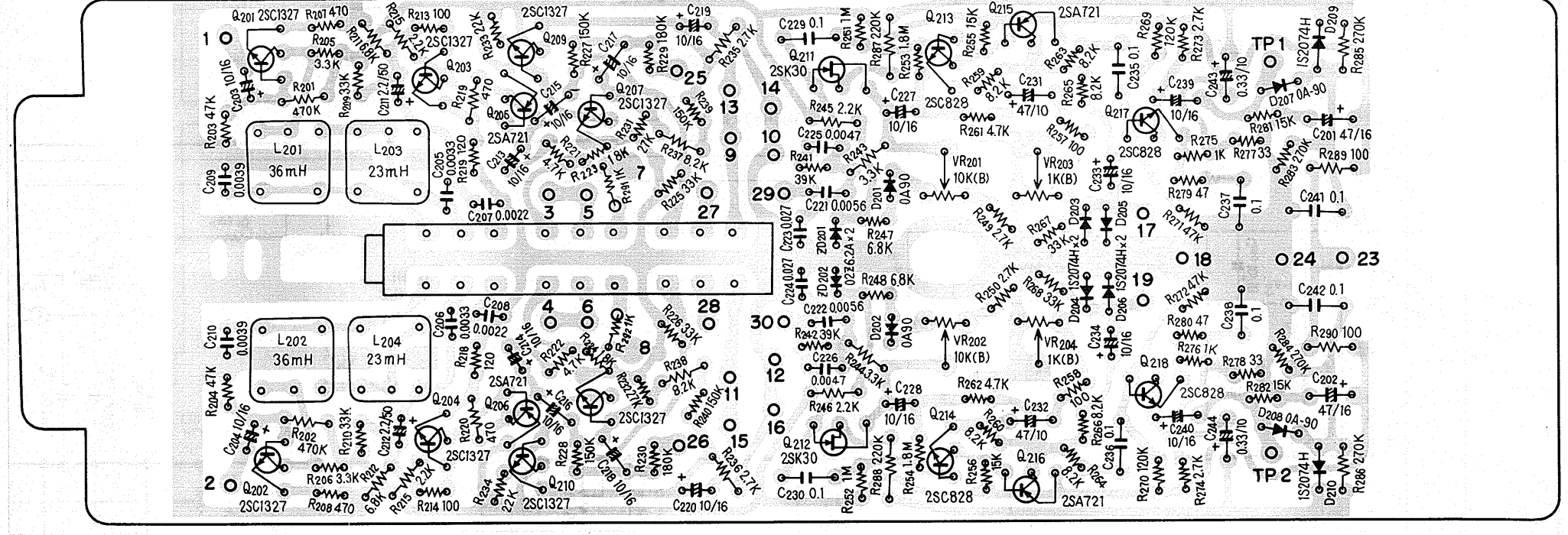
Switch ass'y RWS-023



Sensing circuit ass'y RWR-025



Dolby processor ass'y RWX-070



CT-F6161

Q₁~Q₄, Q₇, Q₈ 2SC1327 x 6

Q₂₀₁~Q₂₀₄ 2SC1327 x 4

Q₂₀₅, Q₂₀₆ 2SA721 x 2

Q₂₀₇~Q₂₁₀ 2SC1327 x 4

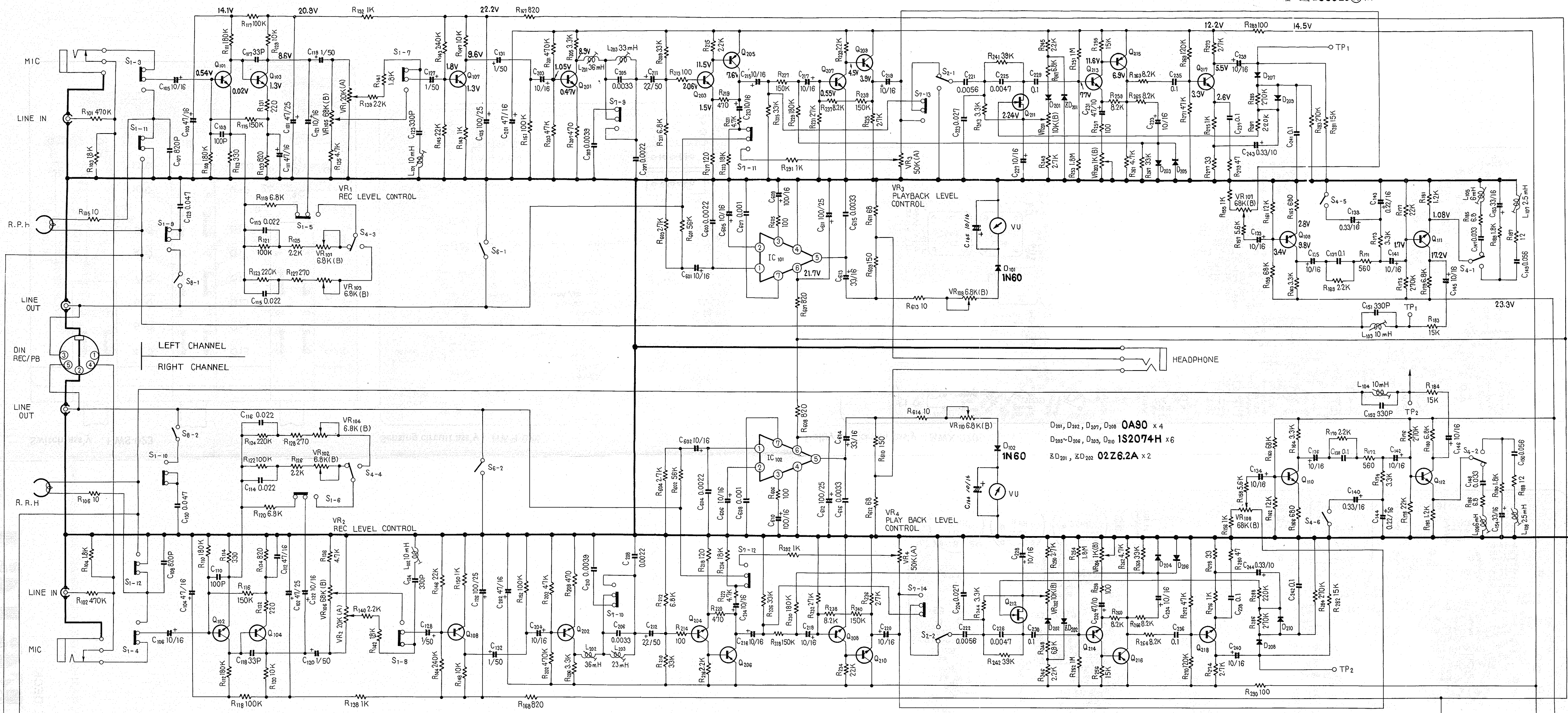
Q₂₁₃, Q₂₁₄ 2SC828(H) x 2

Q₂₁₅, Q₂₁₆ 2SA721 x 2

Q₂₁₇, Q₂₁₈ 2SC828(H) x 2

Q₂₁₉~Q₂₁₂ 2SC828(H) x 4

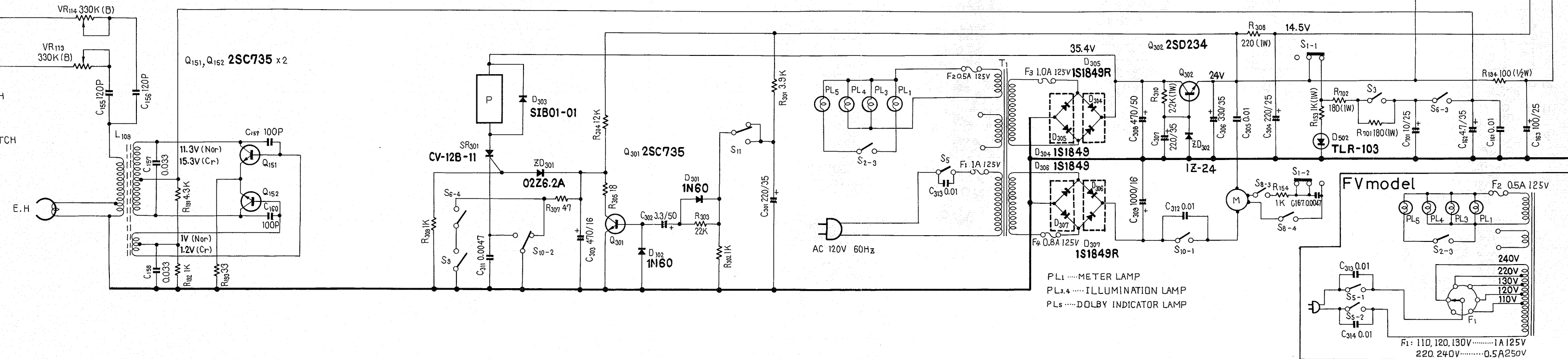
IC₁₀₁, IC₁₀₂ TA7066P x 2



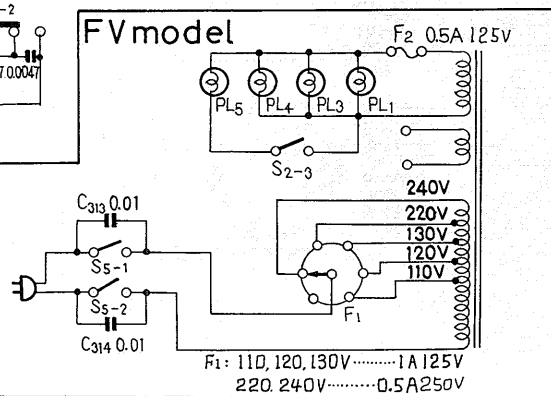
- SWITCHES:**
- S₁, S₇: REC. P.B. SELECTOR SWITCH
REC → PLAYBACK
OFF → ON
 - S₂: DOLBY SWITCH
ON → OFF
 - S₃: BIAS SWITCH
NORMAL → CHROME
 - S₅: POWER SWITCH
OFF → ON
 - S₆: MUTING SWITCH
OFF → ON
 - S₈: SKIP (Cueing) SWITCH
 - S₉: PAUSE SWITCH
OFF → ON
 - S₁₀: PLAY SWITCH
OFF → ON
 - S₁₁: SENSING SWITCH

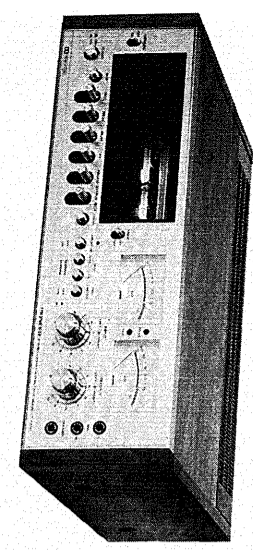
NOTE:
RESISTOR
IN OHM, 1/4W, ±5% TOLERANCE UNLESS
OTHERWISE NOTED K: K.Ω, M: M.Ω

CAPACITORS
IN μF UNLESS OTHERWISE NOTED
P: pF



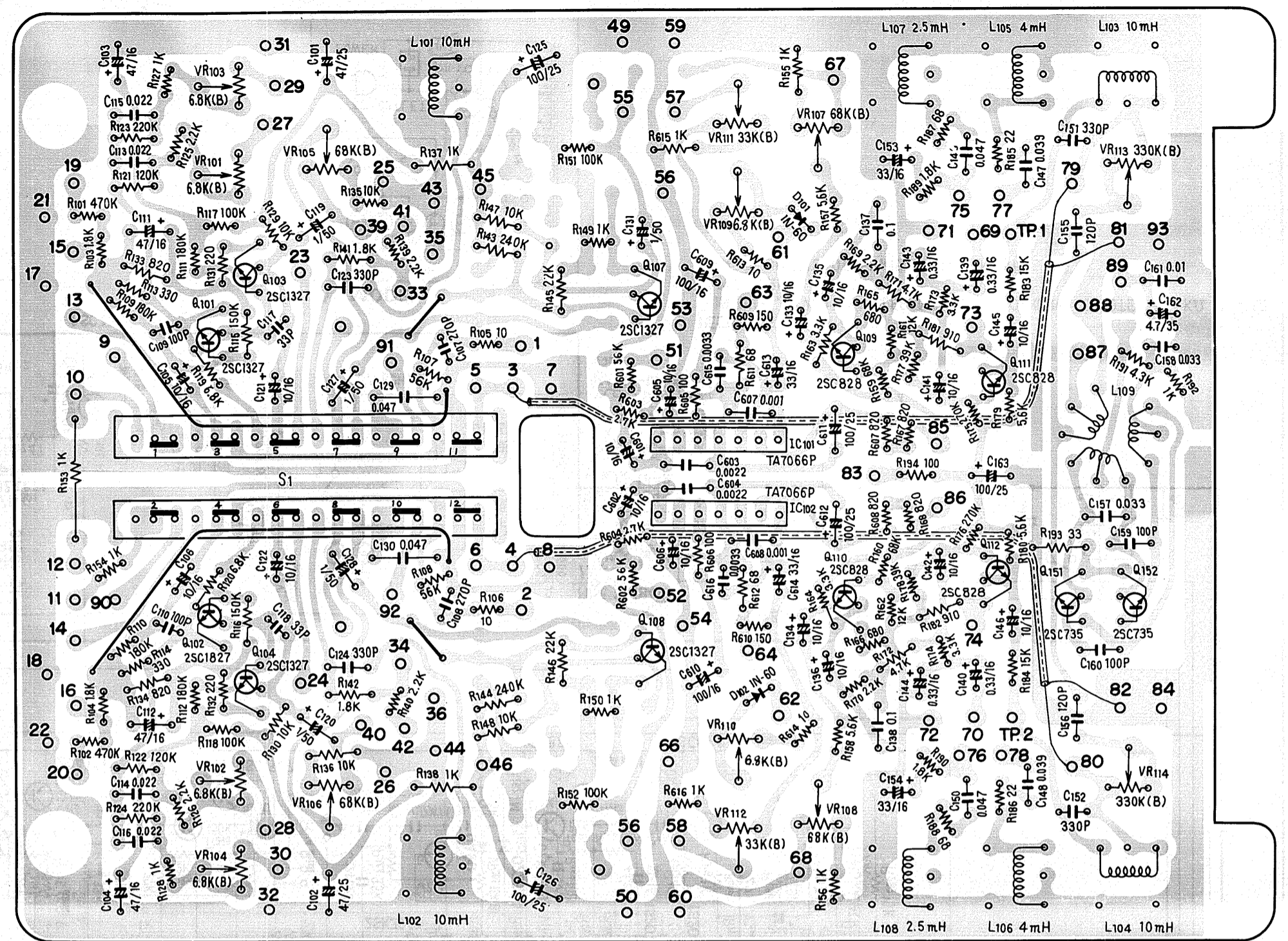
PL1 --- METER LAMP
PL2,4 --- ILLUMINATION LAMP
PL3 --- DOLBY INDICATOR LAMP



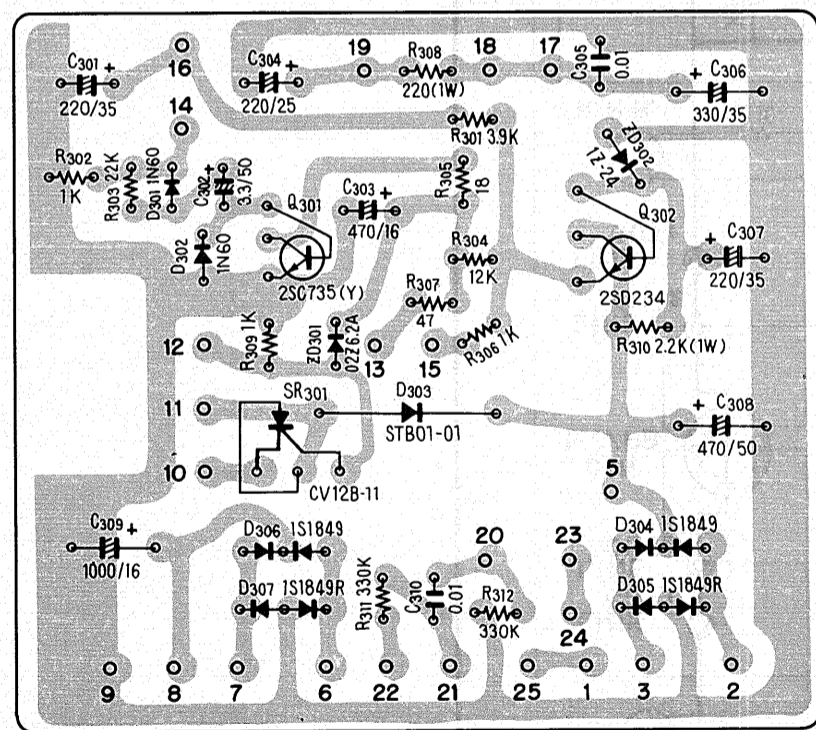


CASSETTE TAPE DECK
CT-7171
 FV KCU
 31

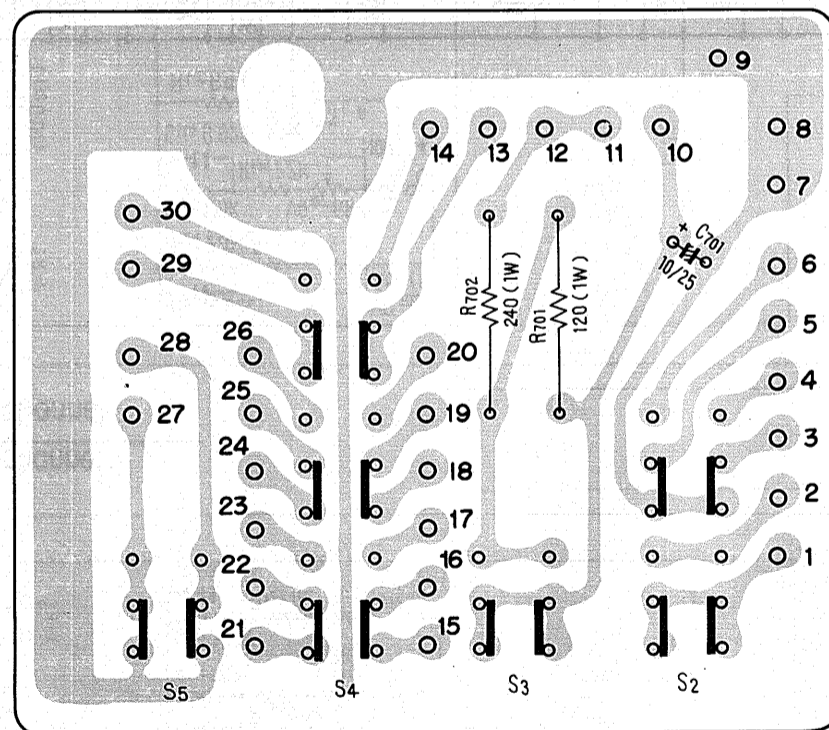
REC/PB amp ass'y RWF-039



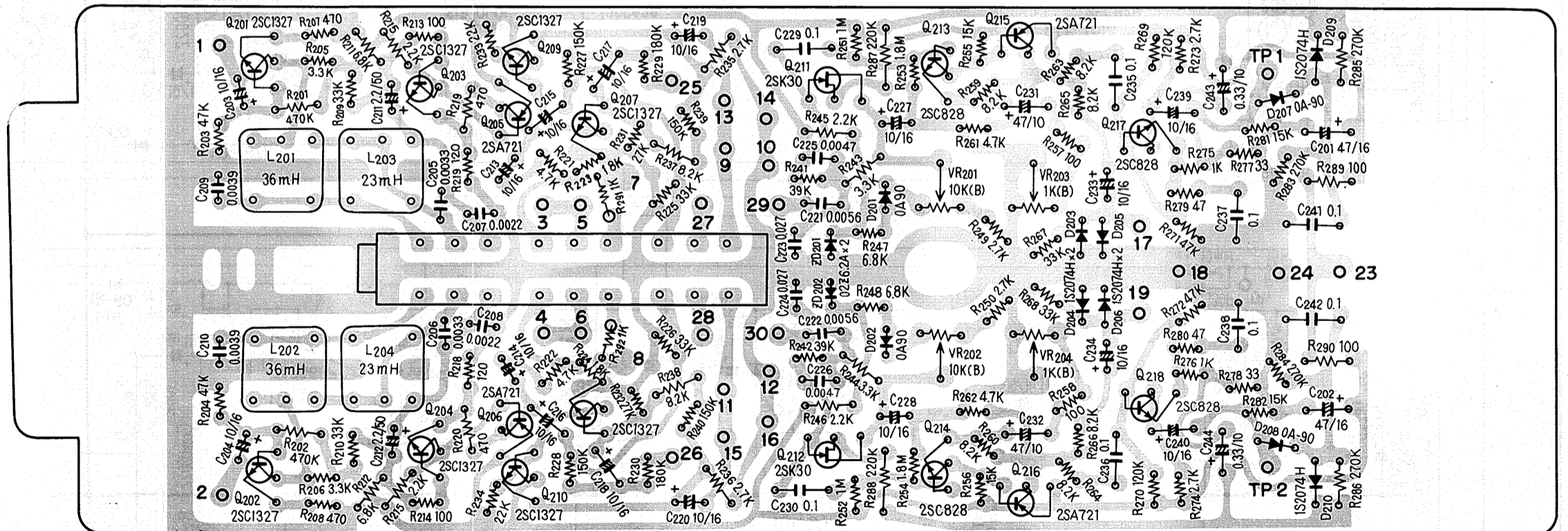
Sensing circuit ass'y RWR-023



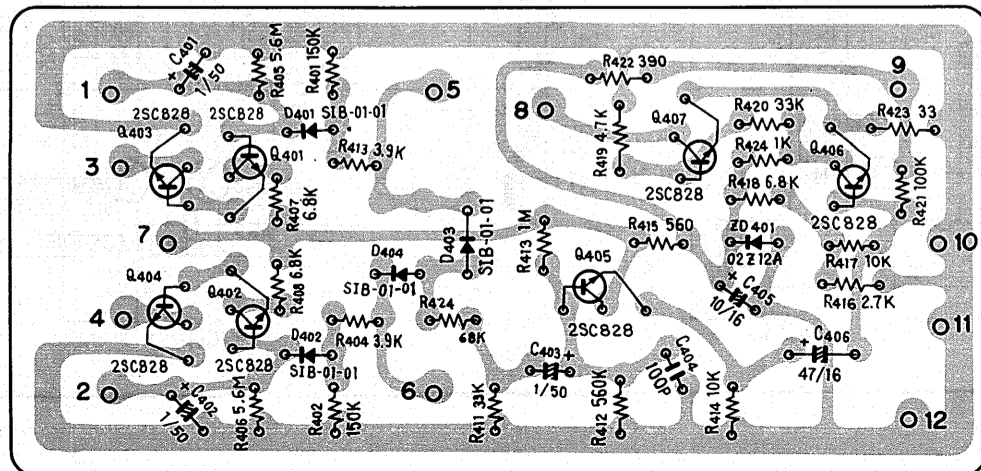
Switch circuit ass'y RWS-022



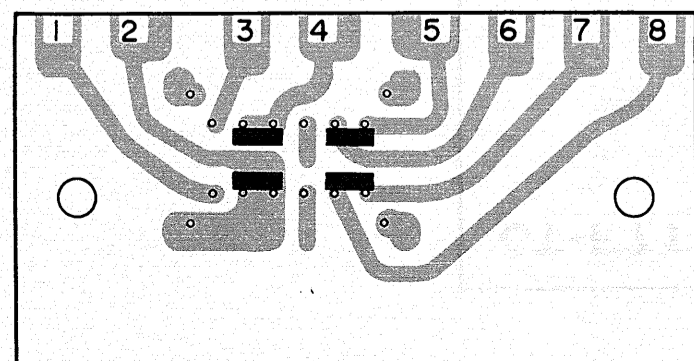
Dolby processor ass'y RWX-070



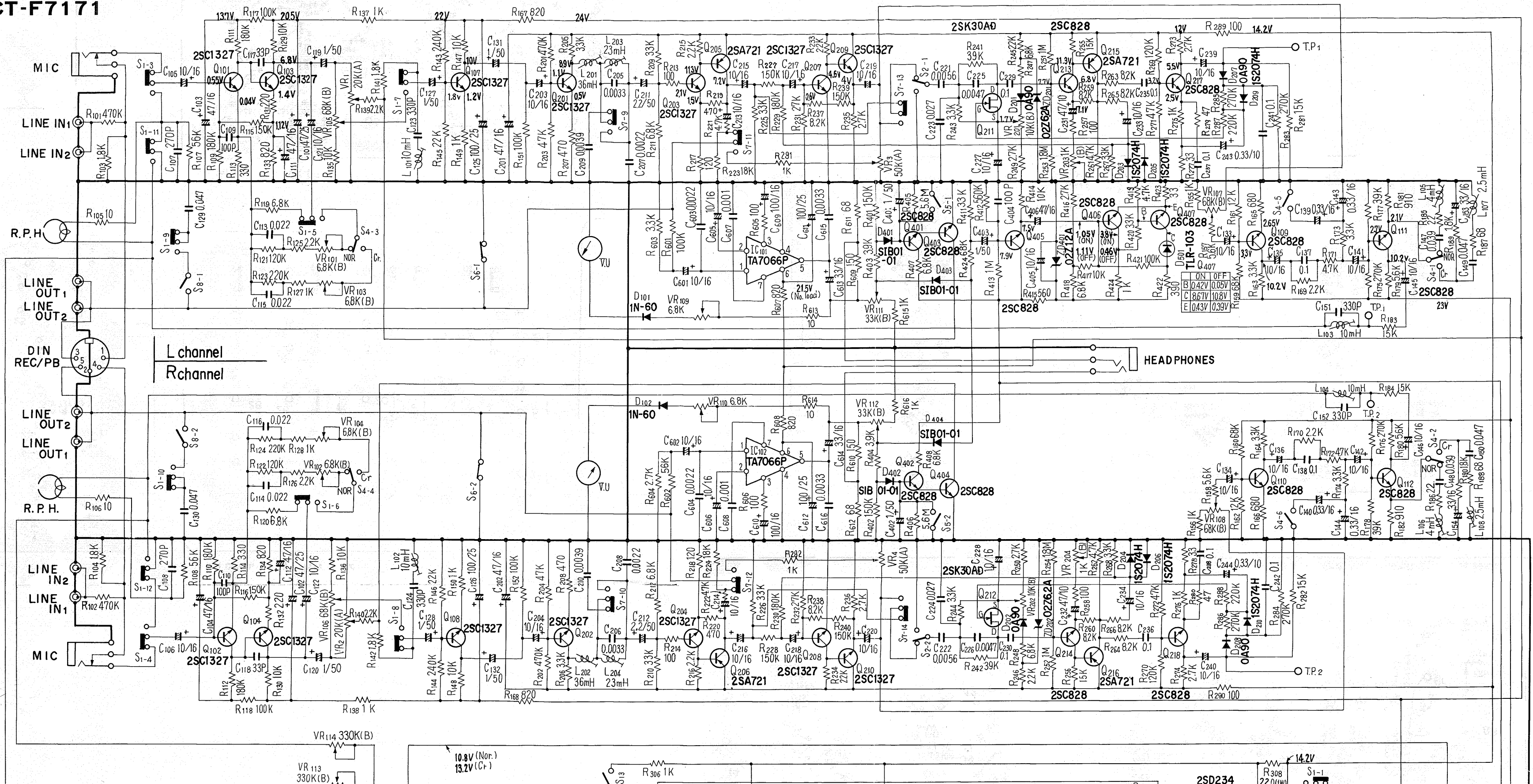
Limiter ass'y RWX-071



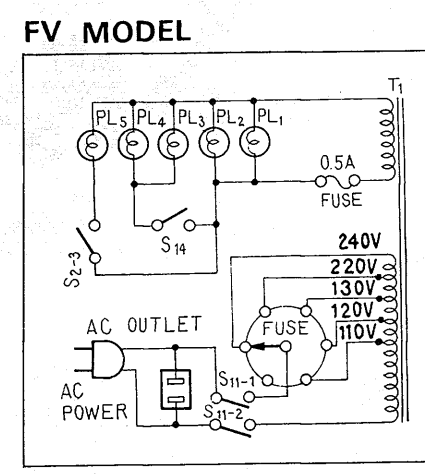
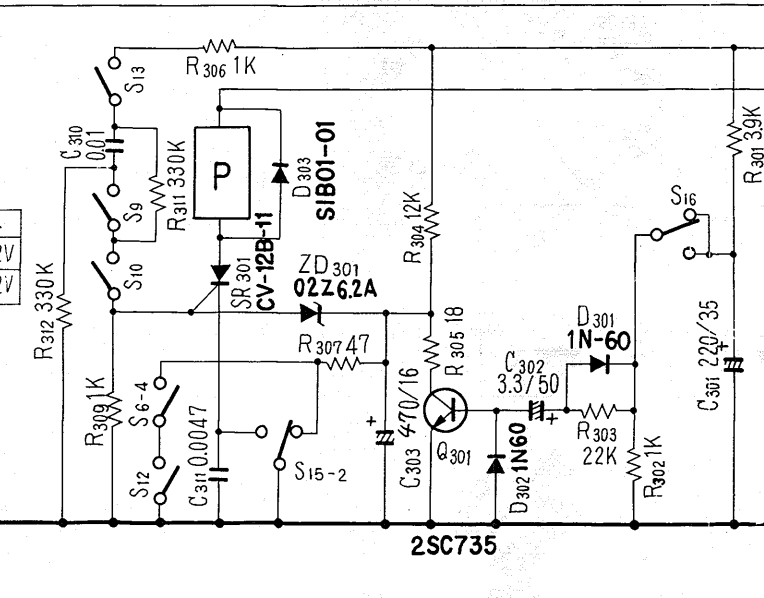
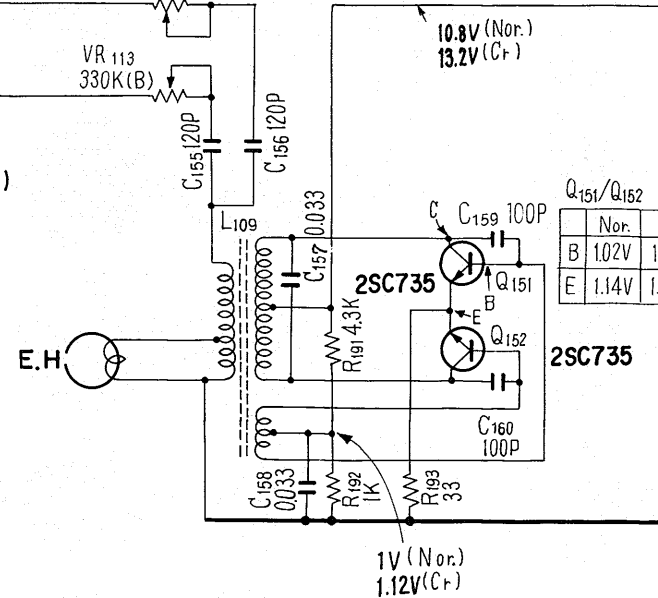
Switch circuit ass'y C RWS-010



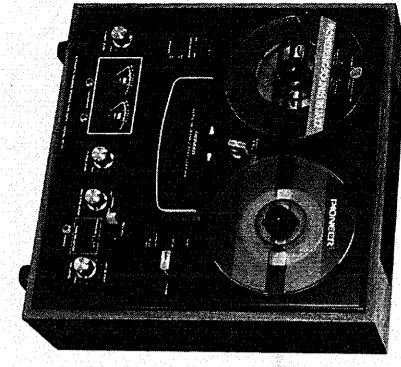
CT-F7171



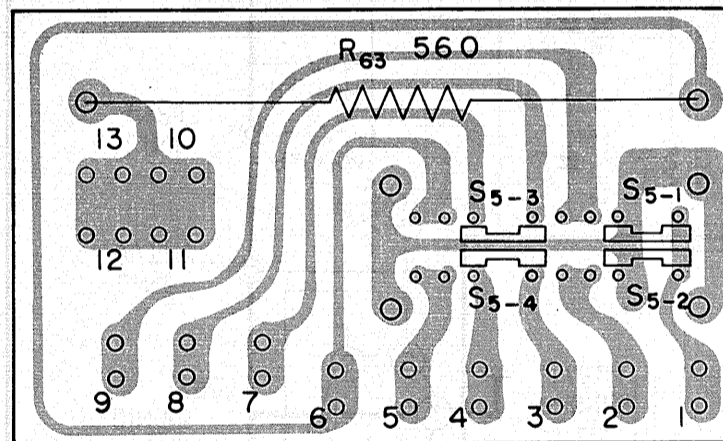
- S1, S7 REC-PB SELECTOR SWITCH (REC POSITION)
- S2 DOLBY SWITCH (ON POSITION)
- S3 BIAS SWITCH (NORMAL POSITION)
- S4 EQ SWITCH (NORMAL POSITION)
- S5 LIMITER SWITCH (ON POSITION)
- S6 MUTING SWITCH (ON POSITION)
- S8 SKIP SWITCH (OFF POSITION)
- S9 REW SWITCH (OFF POSITION)
- S10 MEMORY SWITCH (OFF POSITION)
- S11 POWER SWITCH (OFF POSITION)
- S12 PAUSE SWITCH (OFF POSITION)
- S13 COUNTER SWITCH (OFF POSITION)
- S14 LIGHTING LAMP SWITCH (OFF POSITION)
- S15 PLAY SWITCH (OFF POSITION)
- S16 SENSING SWITCH



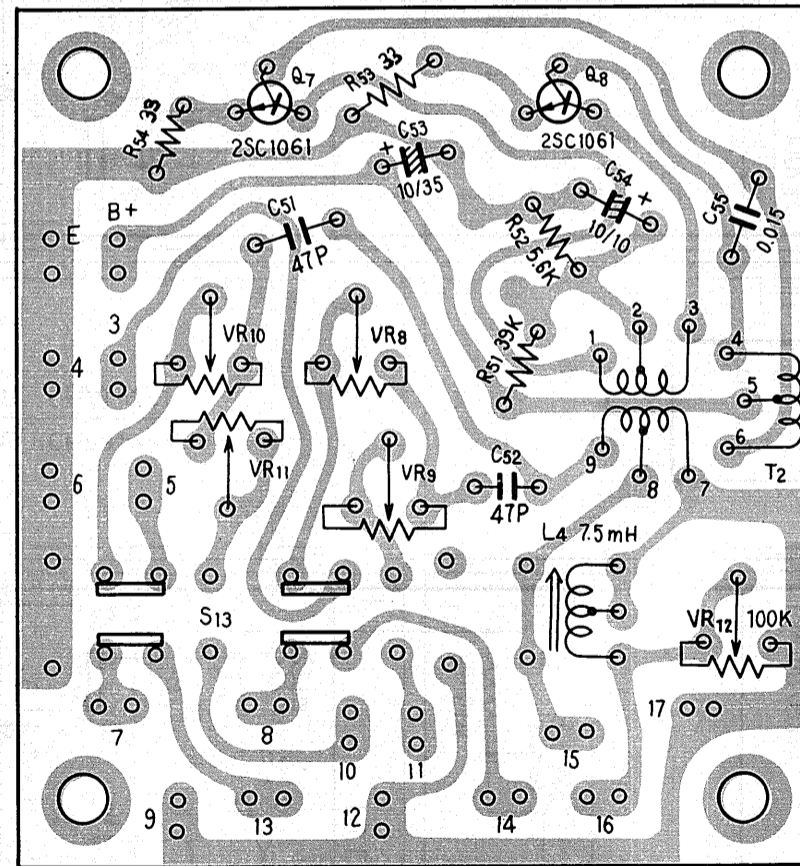
RESISTORS:
IN OHM, 1/4W, ±5% TOLERANCE UNLESS OTHERWISE NOTED K=KΩ, M=MΩ
CAPACITORS:
IN μF UNLESS OTHERWISE NOTED P=pF



REC switch ass'y W18-442

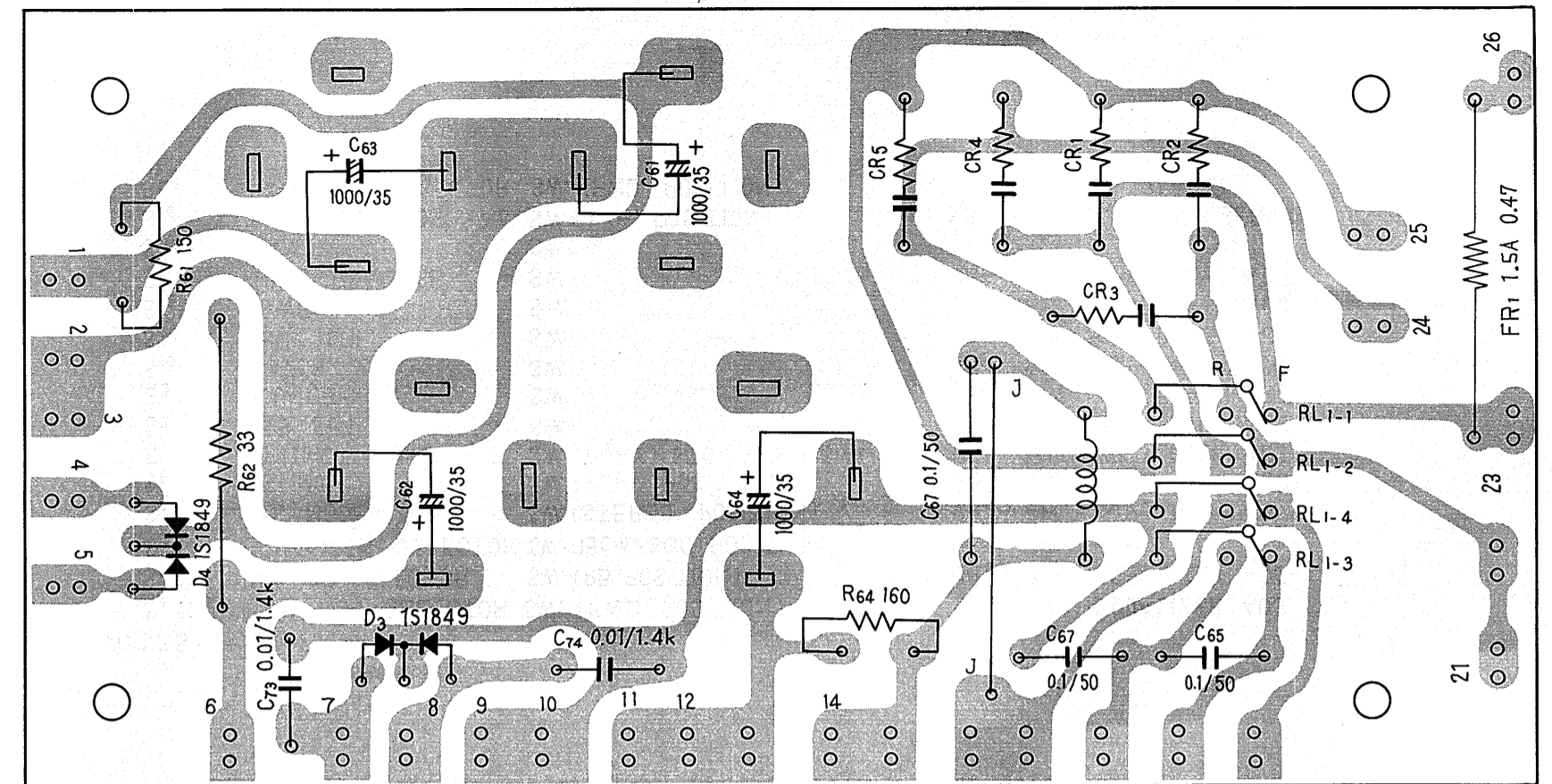


OSC ass'y W37-402

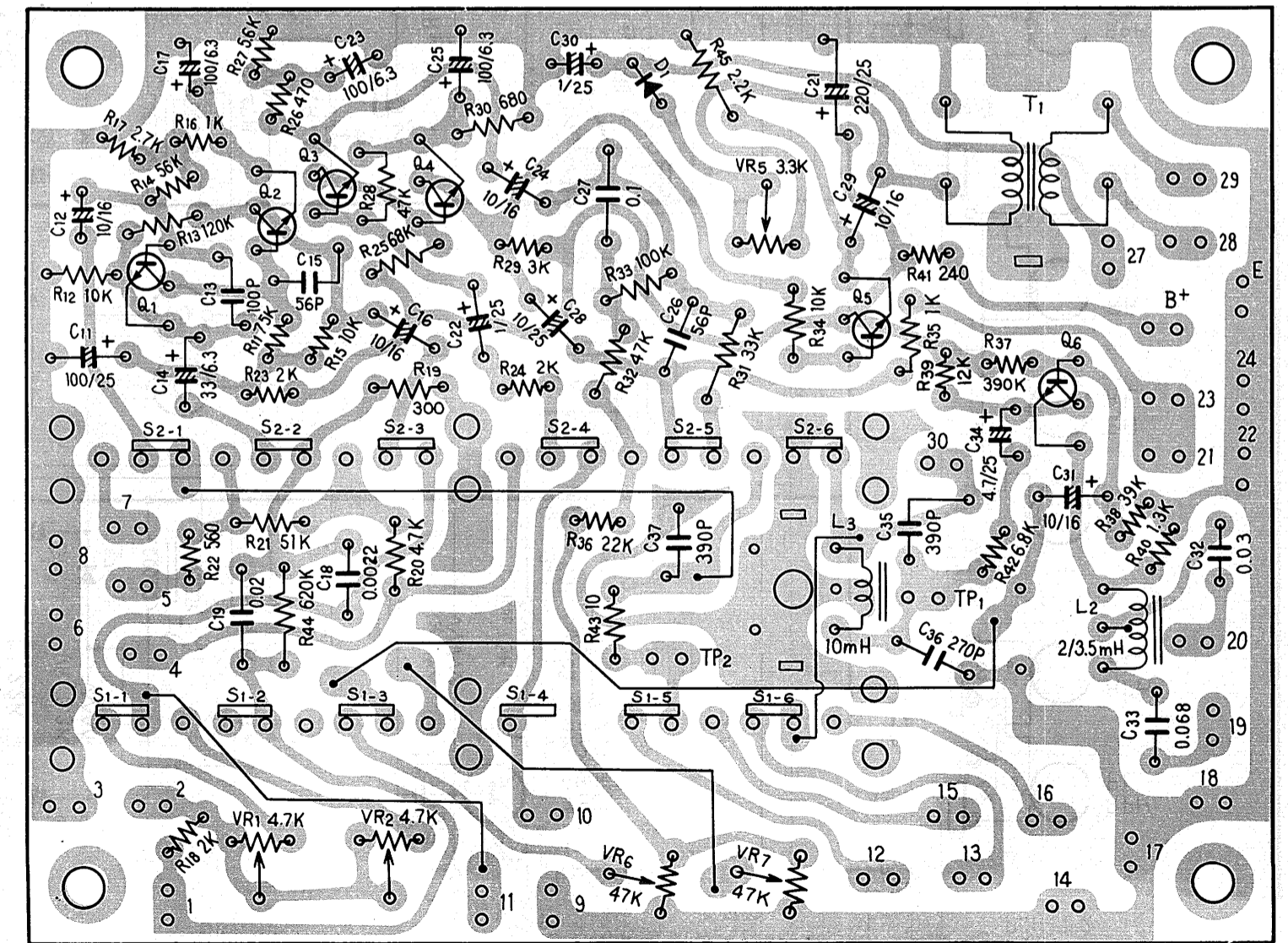


S13 FWD-REV SELECTOR SW.

Power supply ass'y RWR-019



REC/PB amp ass'y W15-422



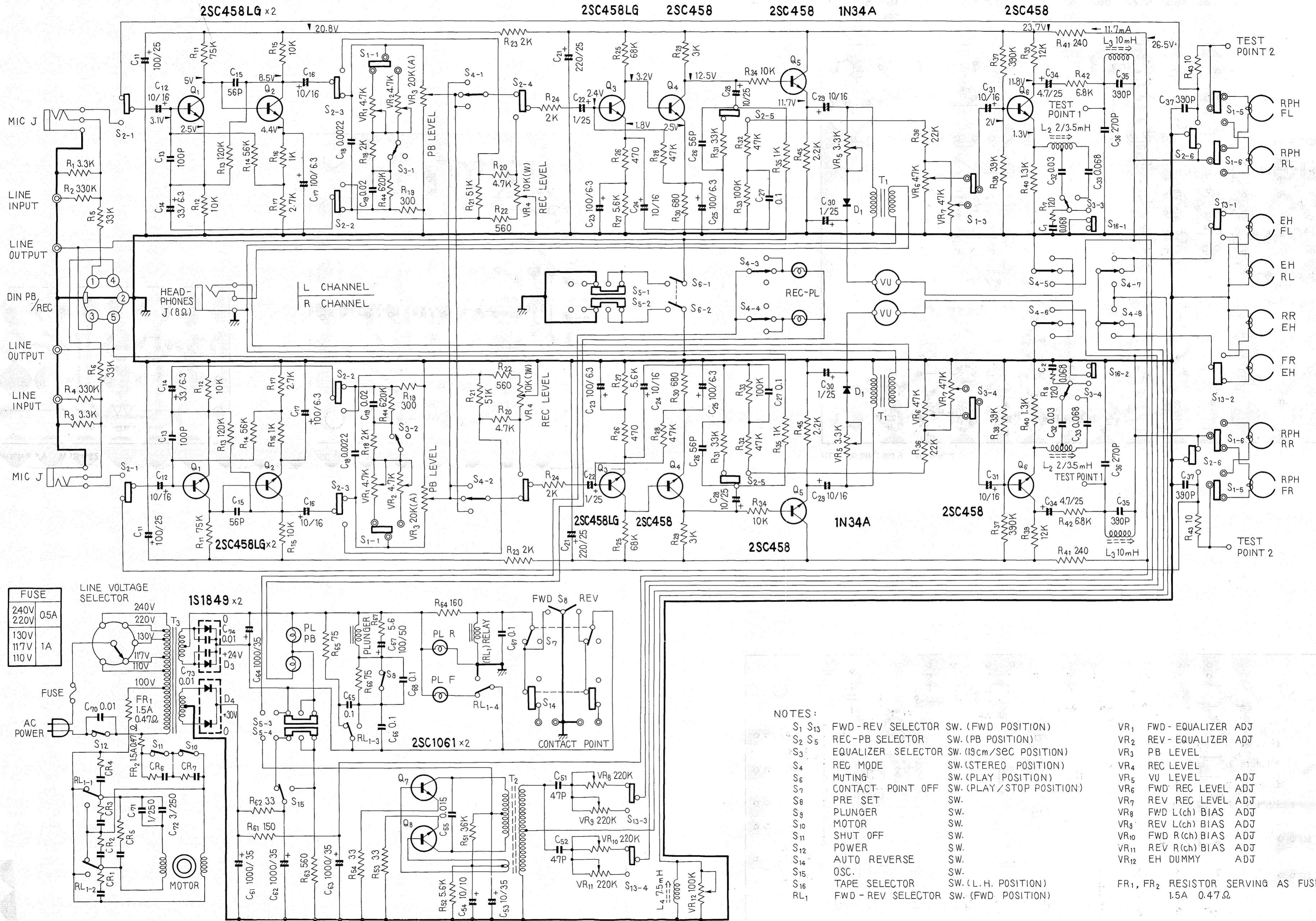
NOTES:

SEMICONDUCTORS

- Q1 ~ Q3 2SC458 LG B or C
- Q4 ~ Q6 2SC458 C or D
- D1 1N34A

SWITCHES

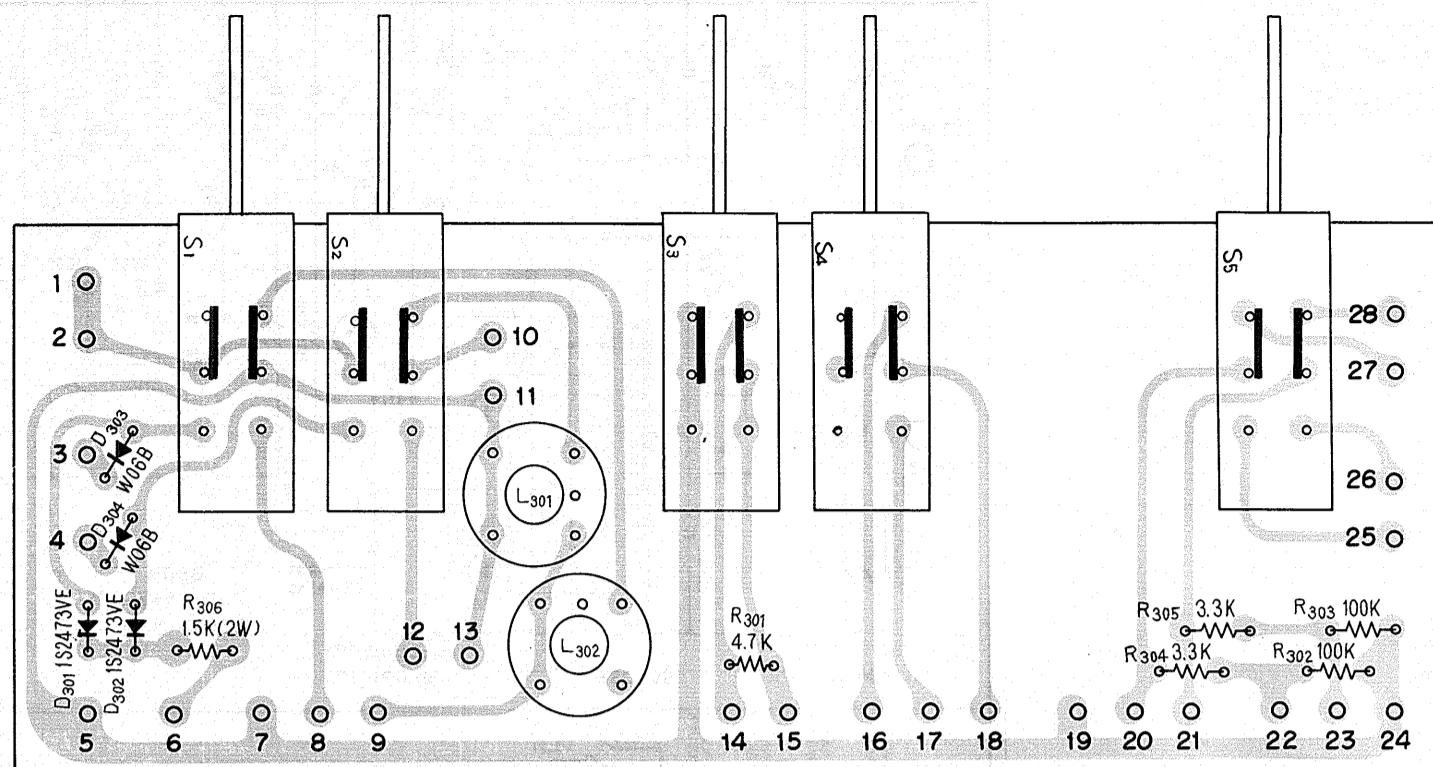
- S1 FWD-REV SELECTOR SW.
- S2 REC-P.B. SELECTOR SW.



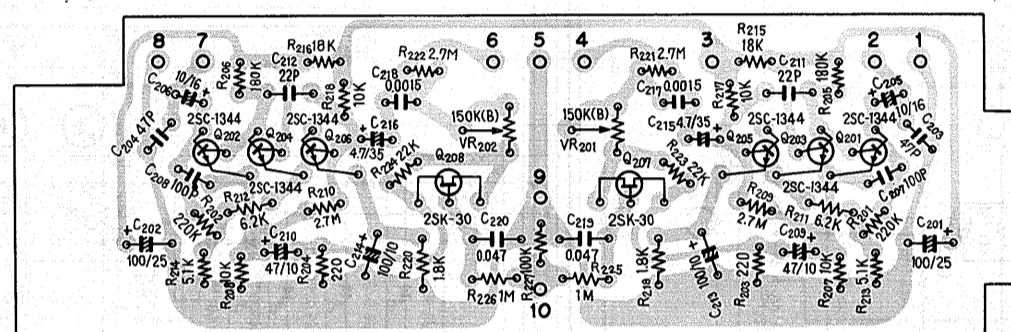
FUSE	
240V	0.5A
220V	
130V	1A
117V	
110V	

- NOTES:
- | | | | |
|--------------------------------|--|------------------|--------------------|
| S ₁ S ₁₃ | FWD-REV SELECTOR SW. (FWD POSITION) | VR ₁ | FWD-EQUALIZER ADJ |
| S ₂ S ₅ | REC-PB SELECTOR SW. (PB POSITION) | VR ₂ | REV-EQUALIZER ADJ |
| S ₃ | EQUALIZER SELECTOR SW. (19cm/SEC POSITION) | VR ₃ | PB LEVEL |
| S ₄ | REC MODE SW. (STEREO POSITION) | VR ₄ | REC LEVEL |
| S ₆ | MUTING SW. (PLAY POSITION) | VR ₅ | VU LEVEL ADJ |
| S ₇ | CONTACT POINT OFF SW. (PLAY/STOP POSITION) | VR ₆ | FWD REC LEVEL ADJ |
| S ₈ | PRE SET SW. | VR ₇ | REV REC LEVEL ADJ |
| S ₉ | PLUNGER SW. | VR ₈ | FWD L(ch) BIAS ADJ |
| S ₁₀ | MOTOR SW. | VR ₉ | REV L(ch) BIAS ADJ |
| S ₁₁ | SHUT OFF SW. | VR ₁₀ | FWD R(ch) BIAS ADJ |
| S ₁₂ | POWER SW. | VR ₁₁ | REV R(ch) BIAS ADJ |
| S ₁₄ | AUTO REVERSE SW. | VR ₁₂ | EH DUMMY ADJ |
| S ₁₅ | OSC. SW. | | |
| S ₁₆ | TAPE SELECTOR SW. (L.H. POSITION) | | |
| RL ₁ | FWD-REV SELECTOR SW. (FWD POSITION) | | |
- FR₁, FR₂ RESISTOR SERVING AS FUSE 1.5A 0.47Ω

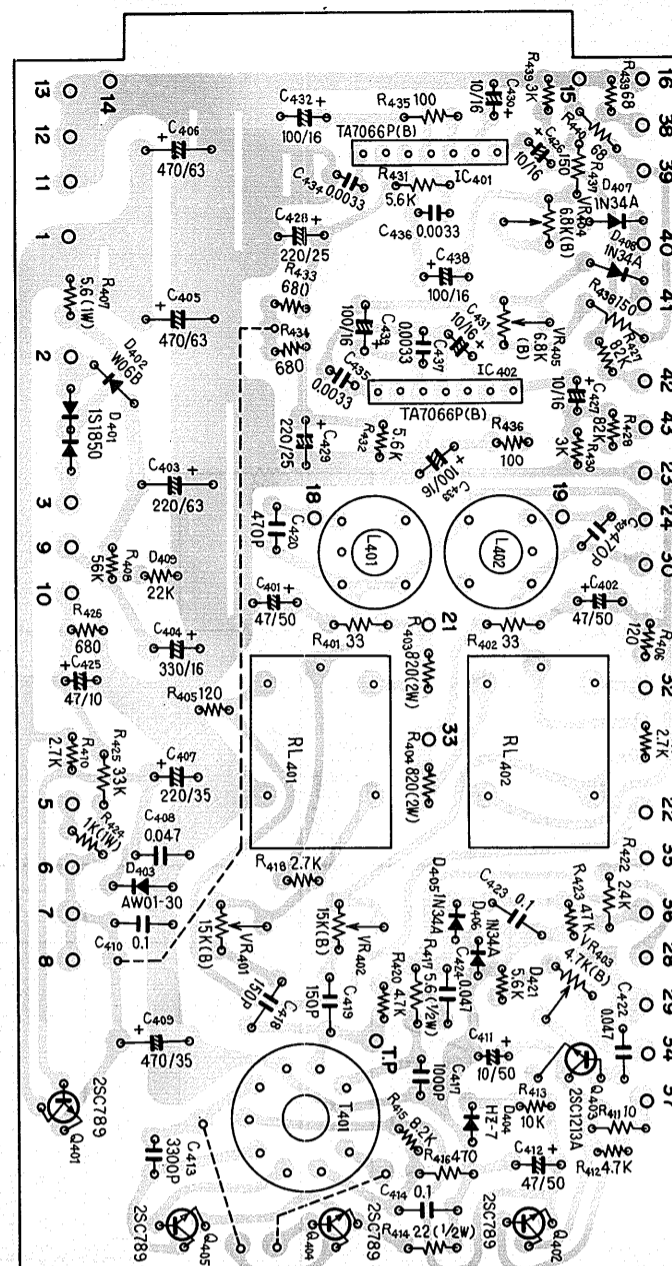
Switch circuit ass'y RWS-024



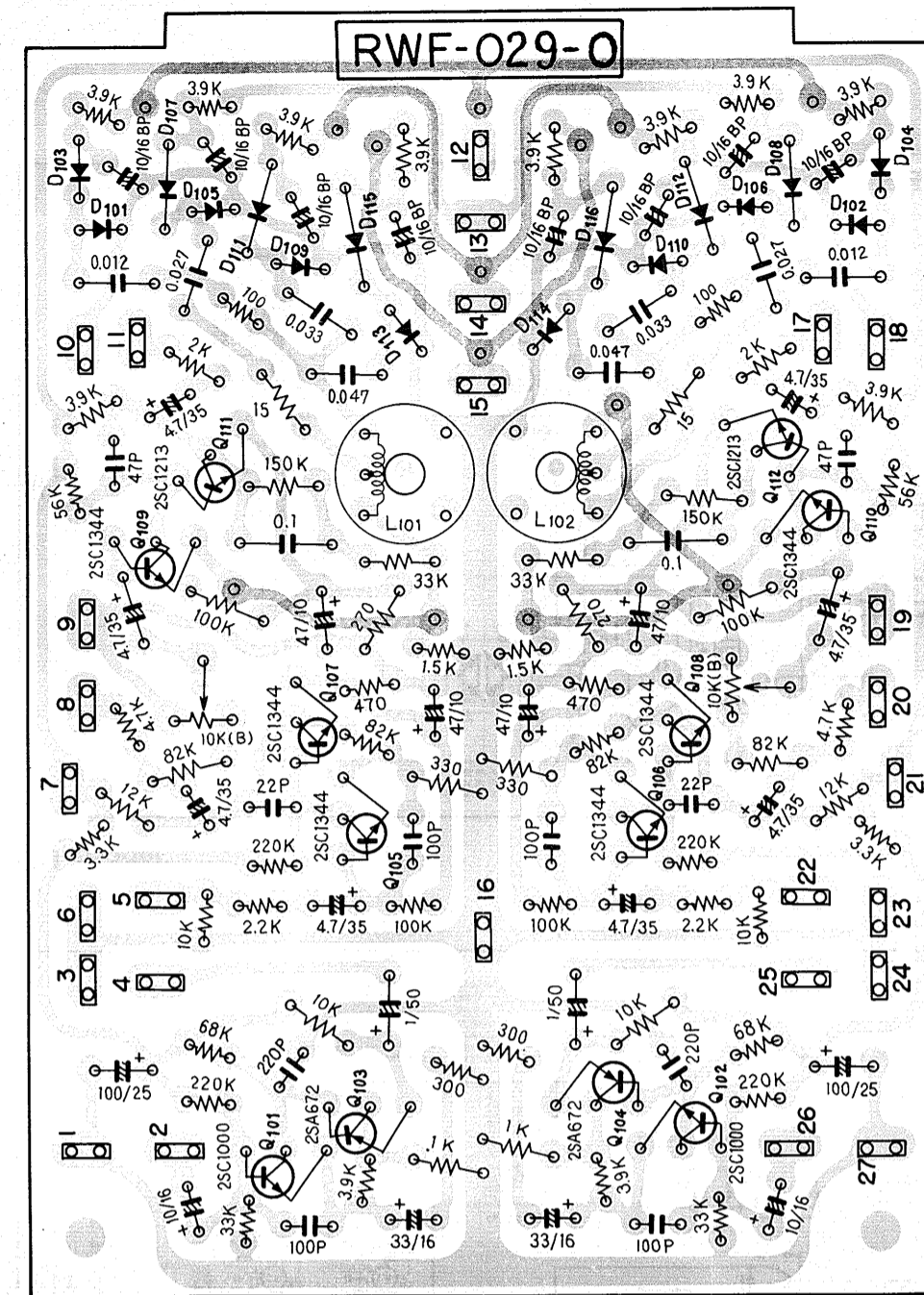
PB amp ass'y RWF-028



OSC ass'y RWA-021

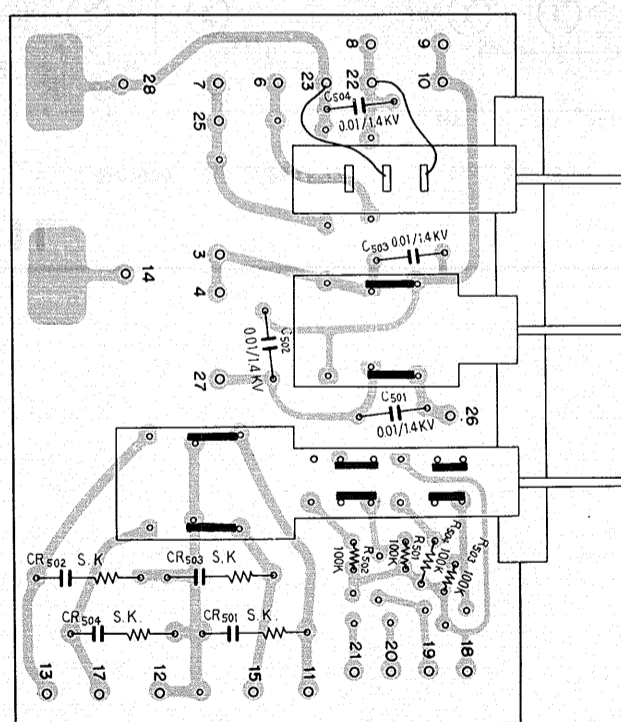


REC amp ass'y RWF-029

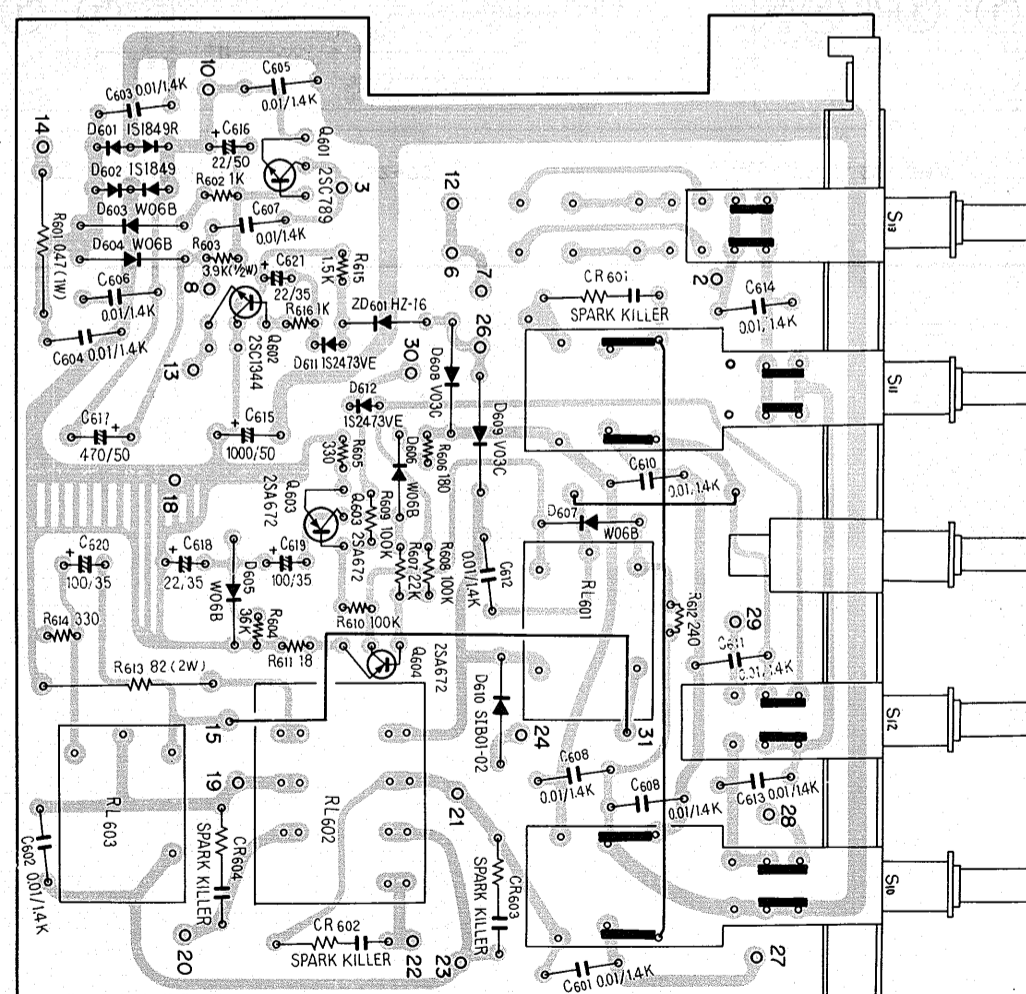


DIODES : IS2473VE
 10/16 BP : BI - POLAR CAPACITOR

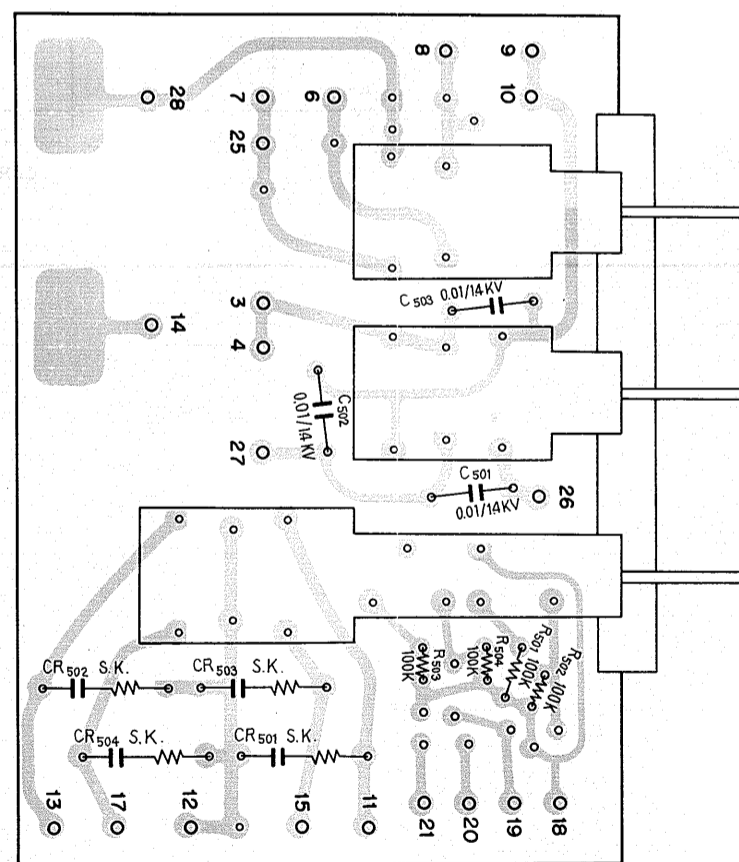
EQ switch ass'y RWS-026 (KU model)



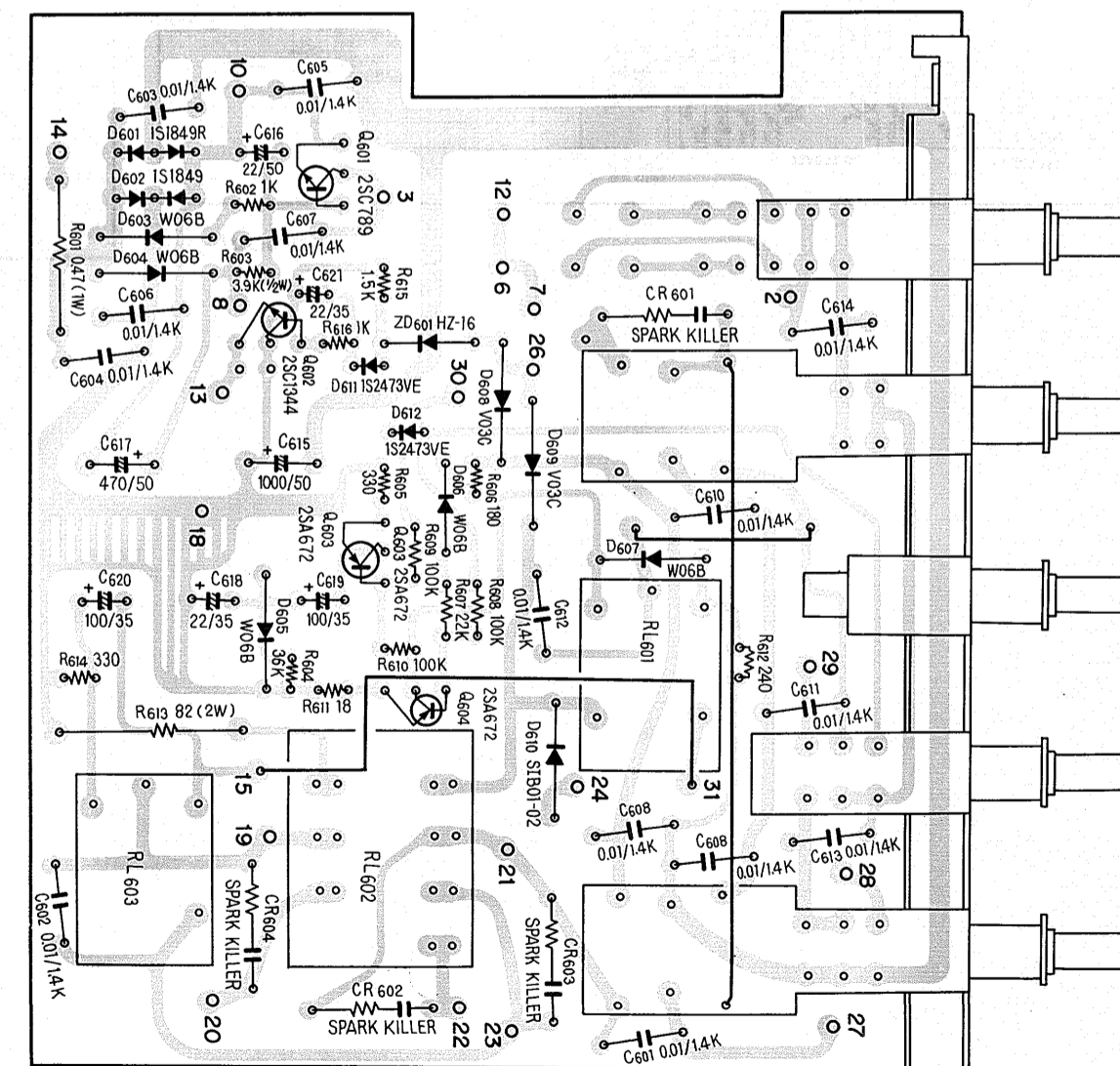
Control amp ass'y RWG-047 (KU model)



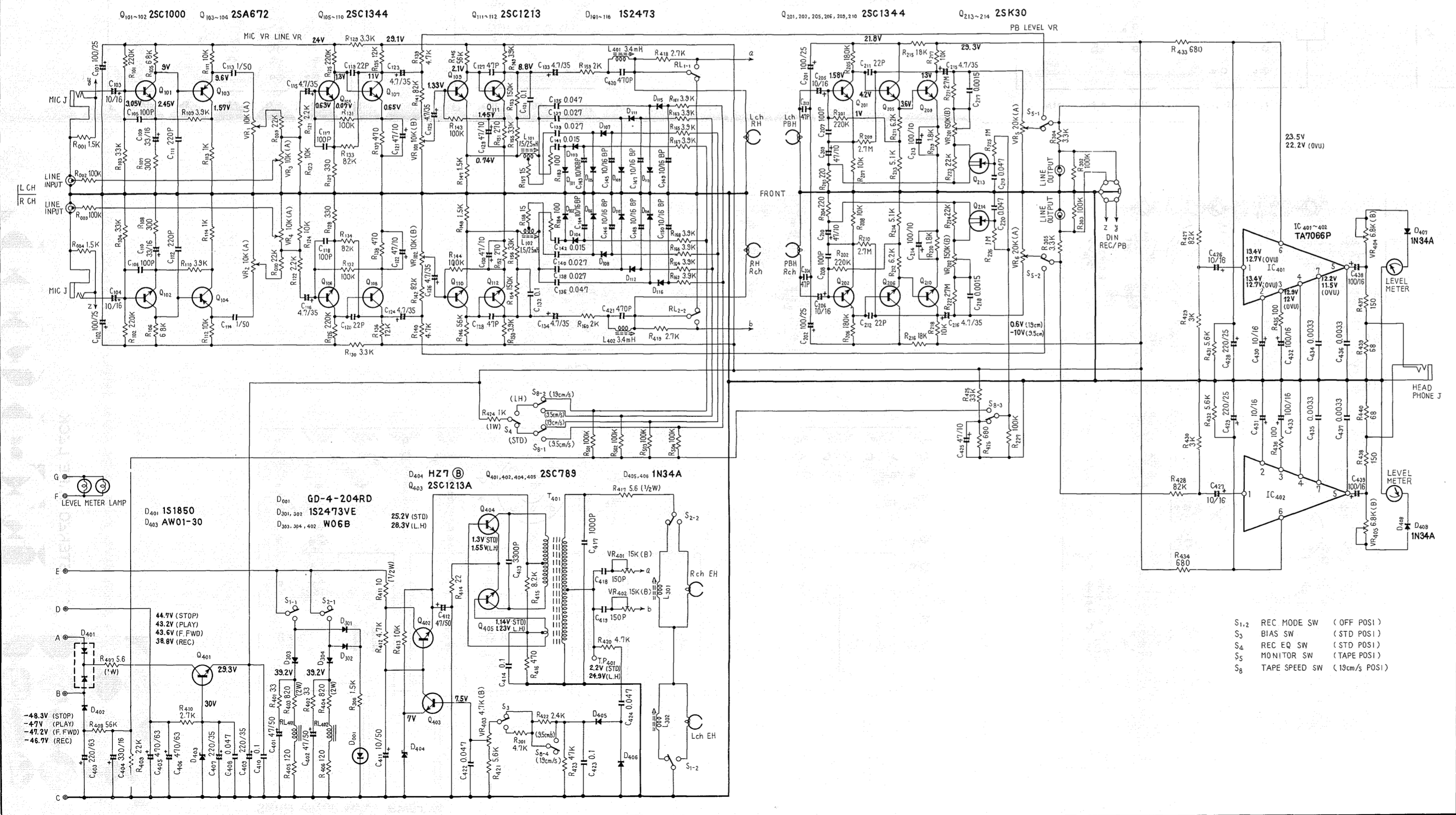
EQ switch ass'y RWS-027 (FV model)



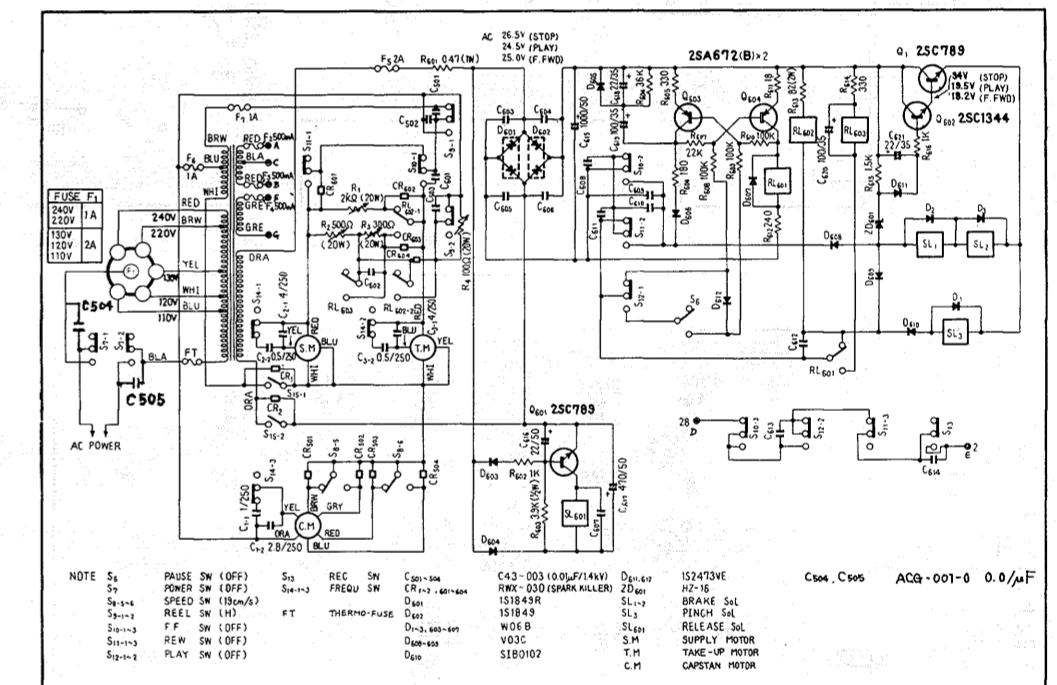
Control amp ass'y RWG-046 (FV model)



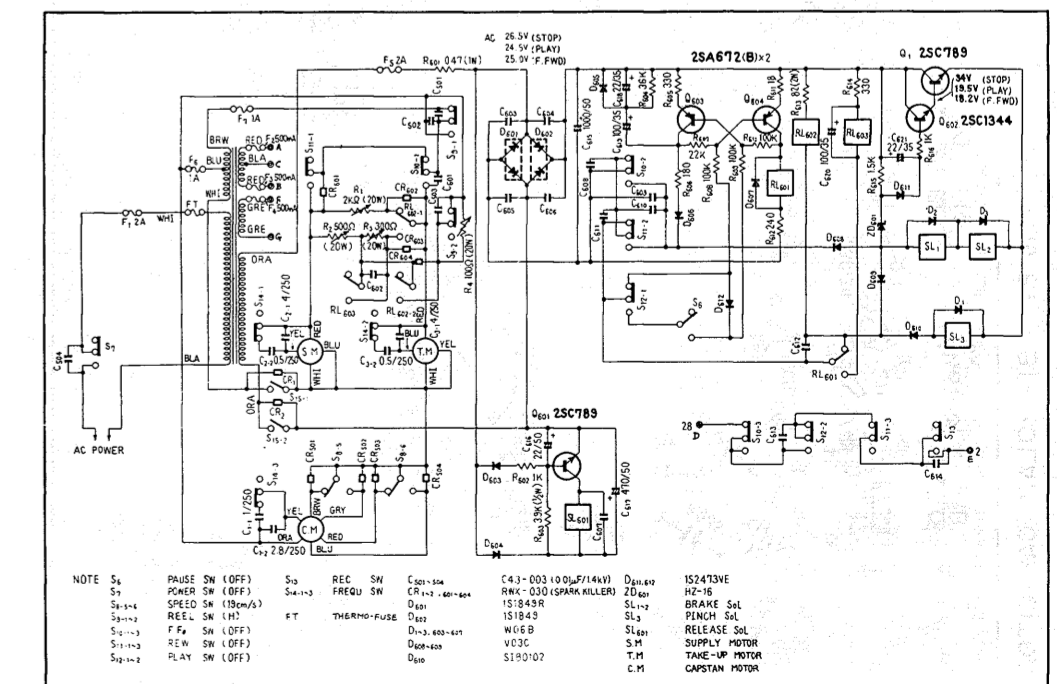
RT-1011L



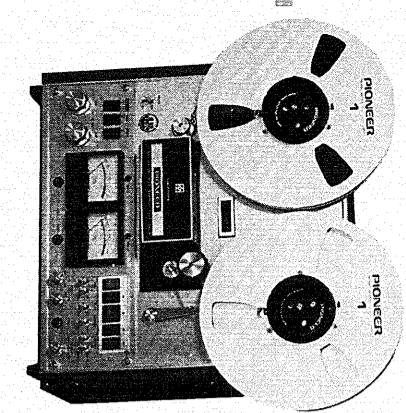
FV model



KU model



- S_{1,2} REC MODE SW (OFF POSI)
- S₃ BIAS SW (STD POSI)
- S₄ REC EQ SW (STD POSI)
- S₅ MONITOR SW (TAPE POSI)
- S₆ TAPE SPEED SW (15cm/s POSI)

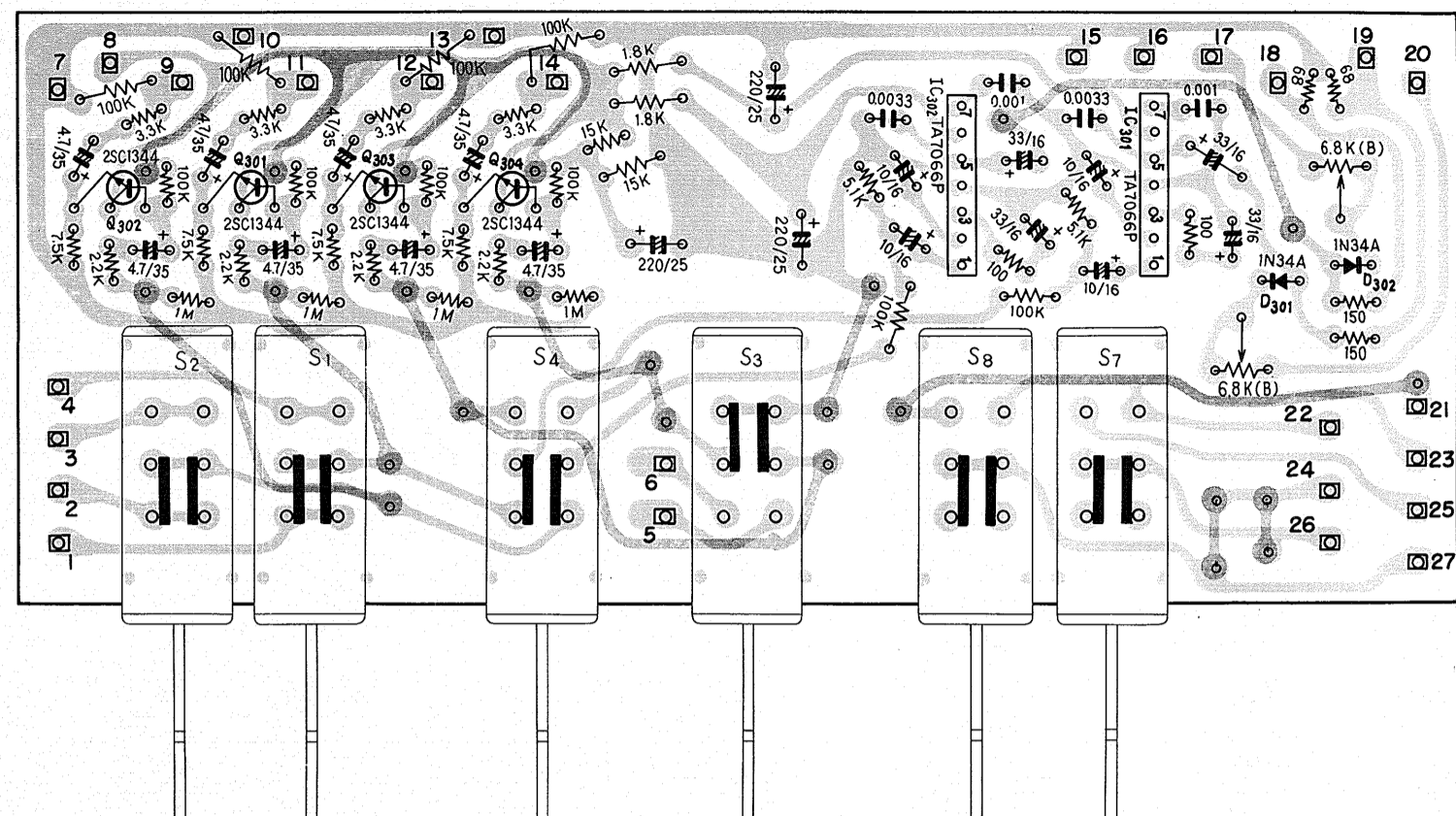


STEREO TAPE DECK

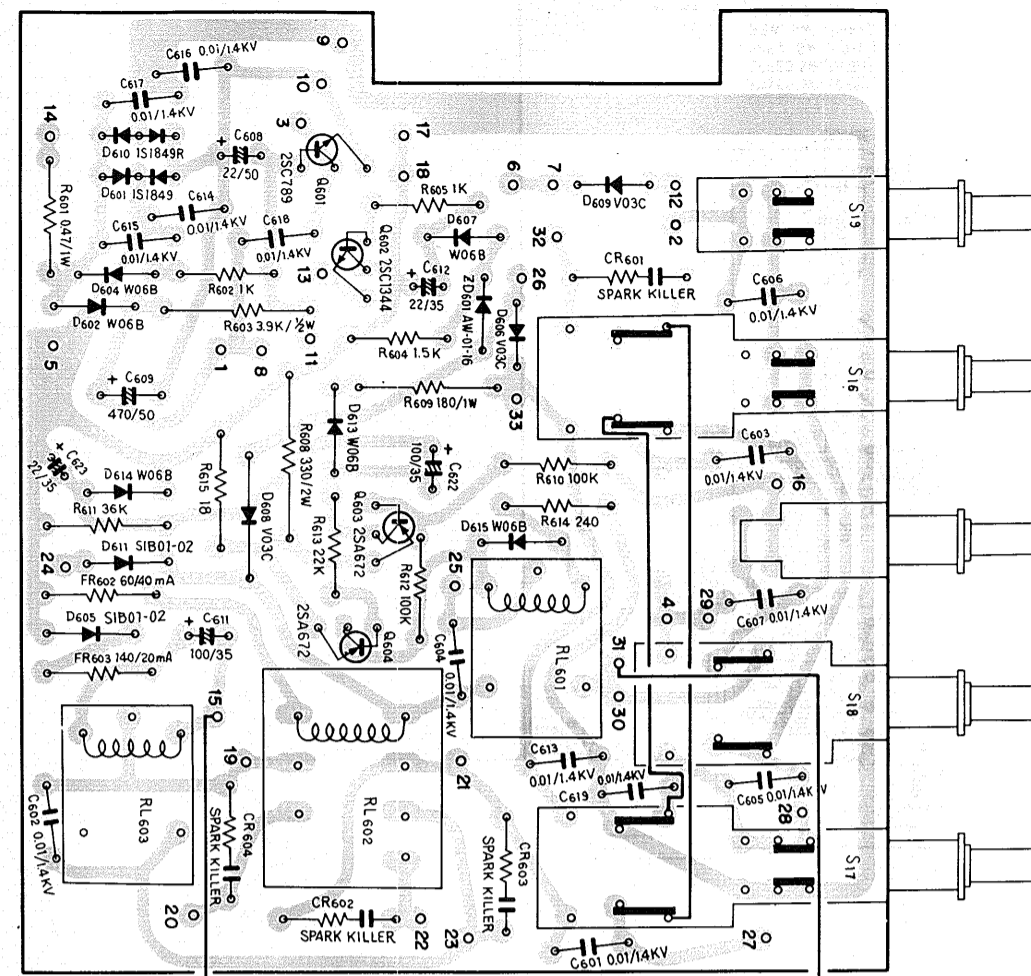
BT-10201

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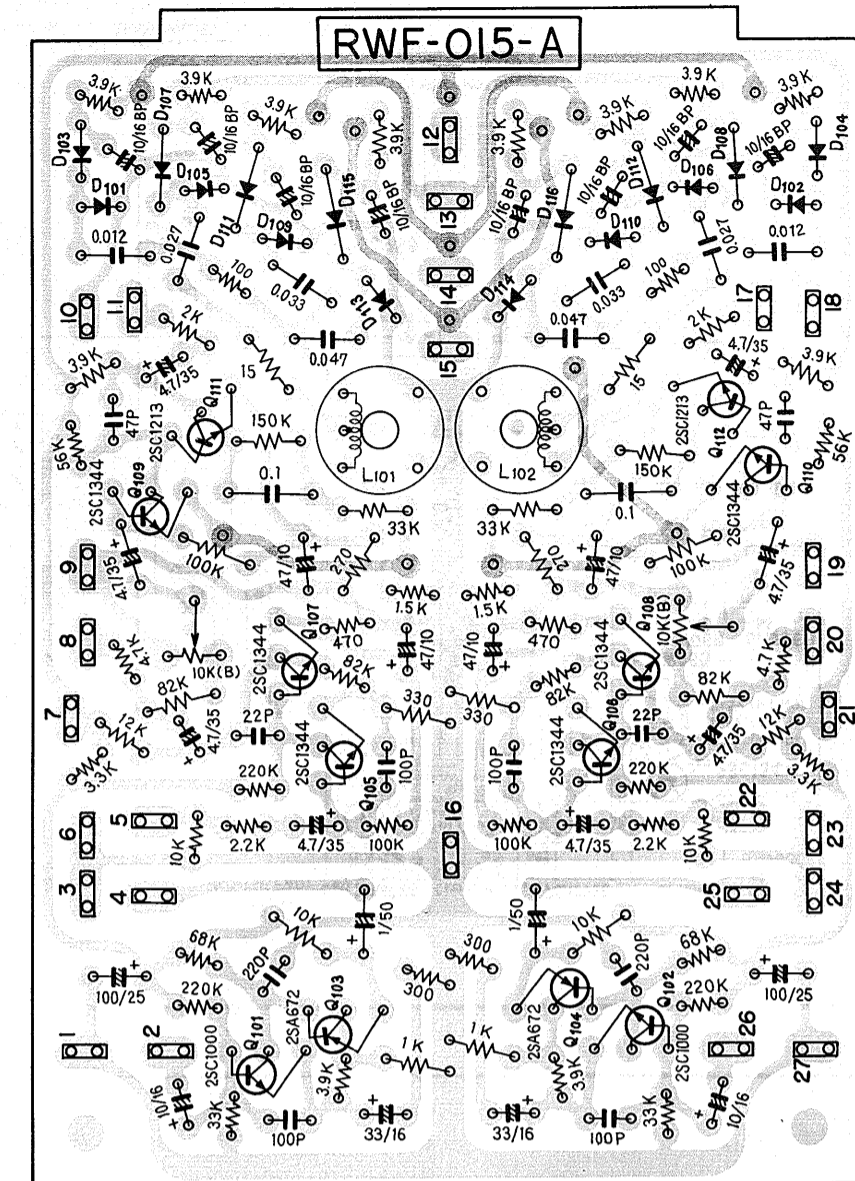
Switch circuit ass'y RWS-011



Control amp ass'y RWG-037



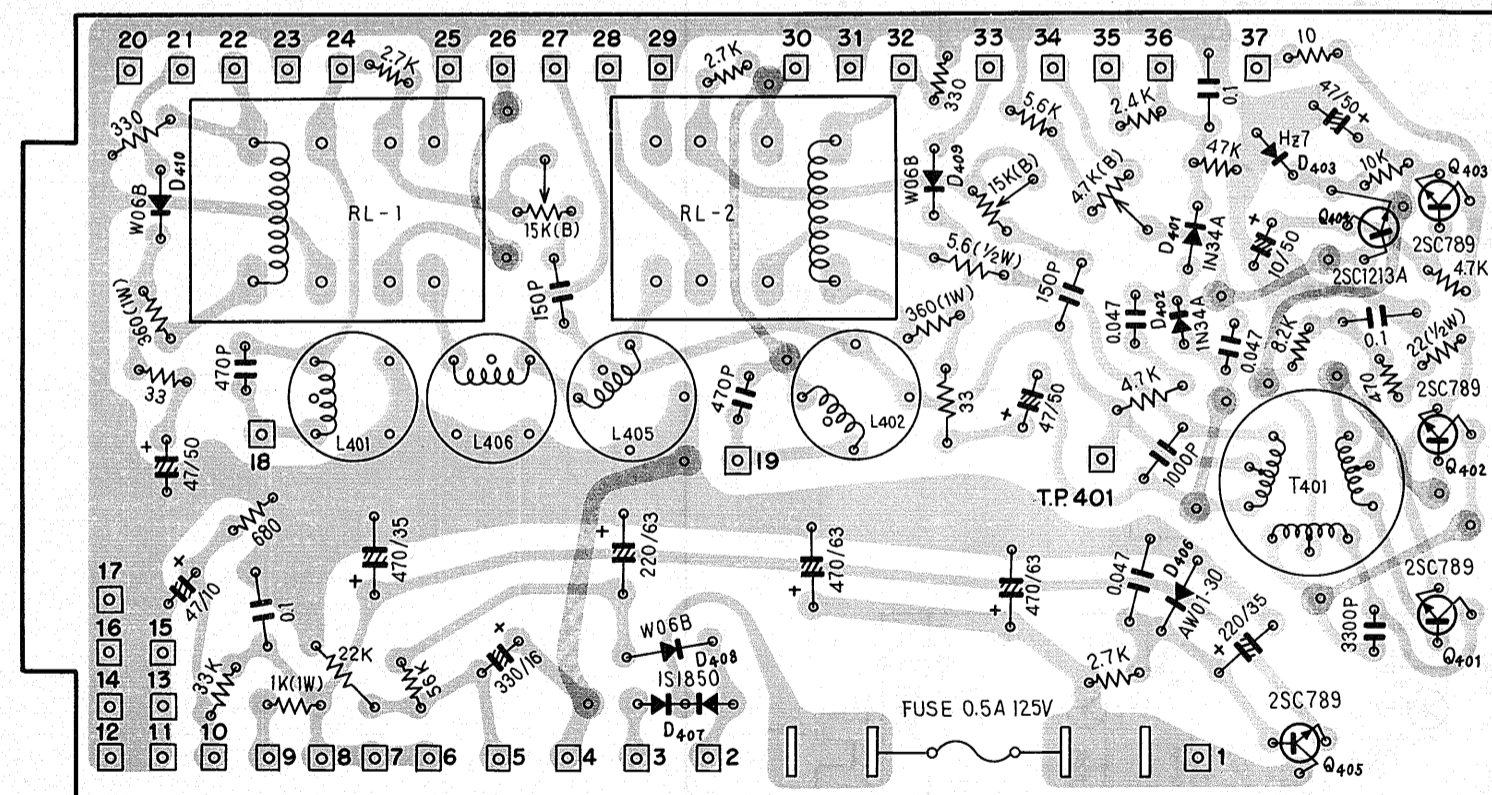
REC amp ass'y RWF-015



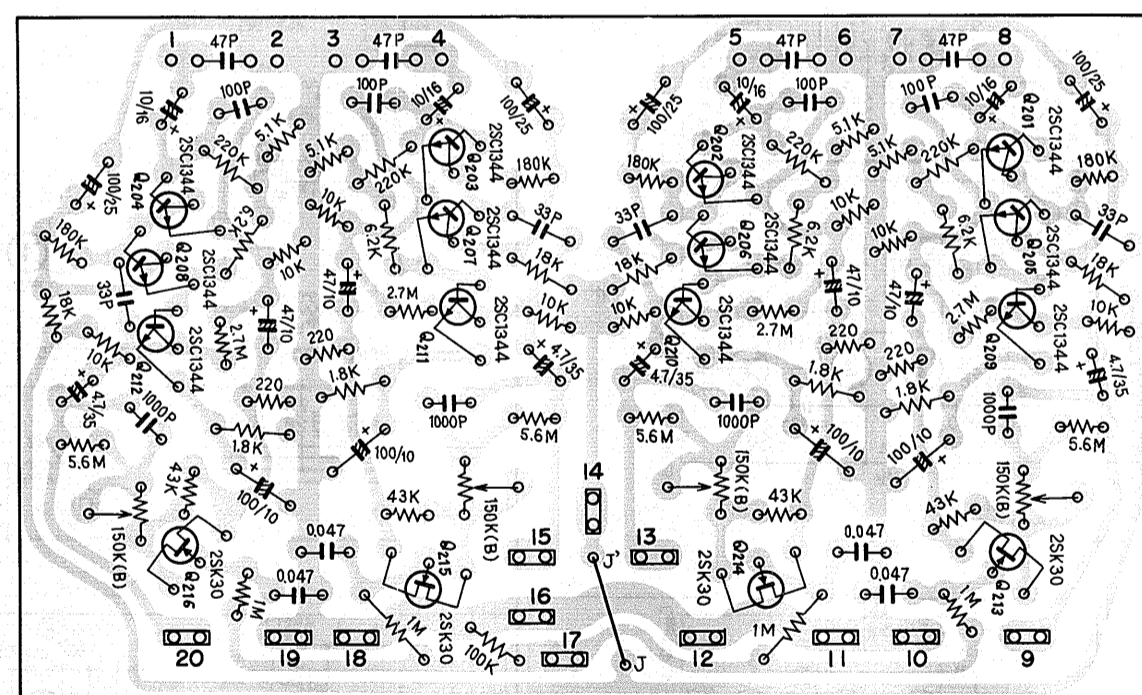
10/16 BP : BI-POLAR CAPACITOR

DIODES : IS2473VE

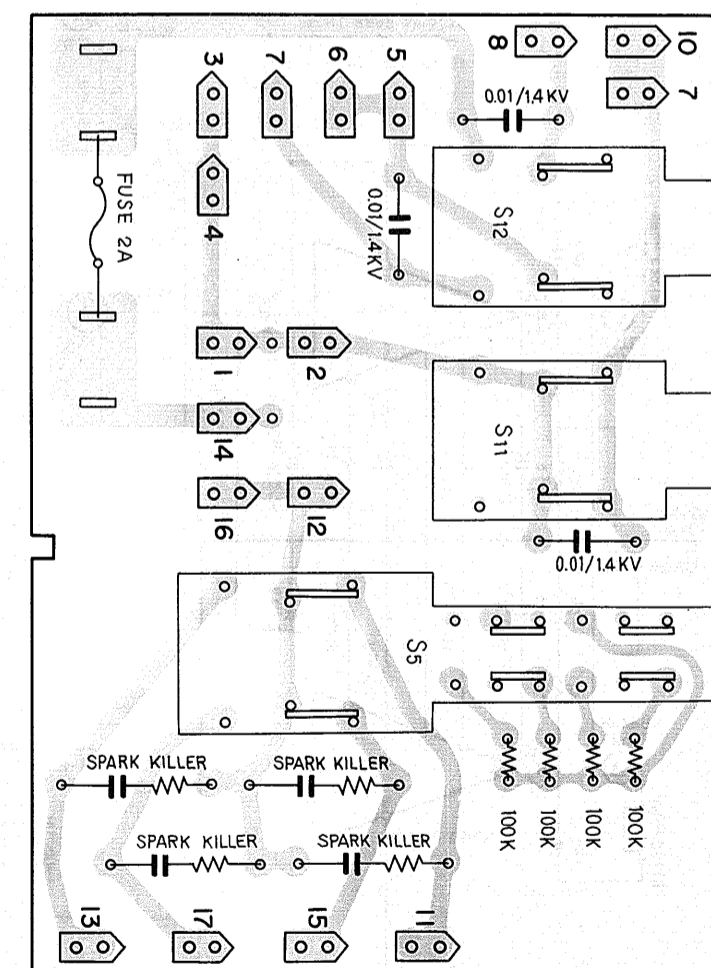
OSC ass'y RWA-008



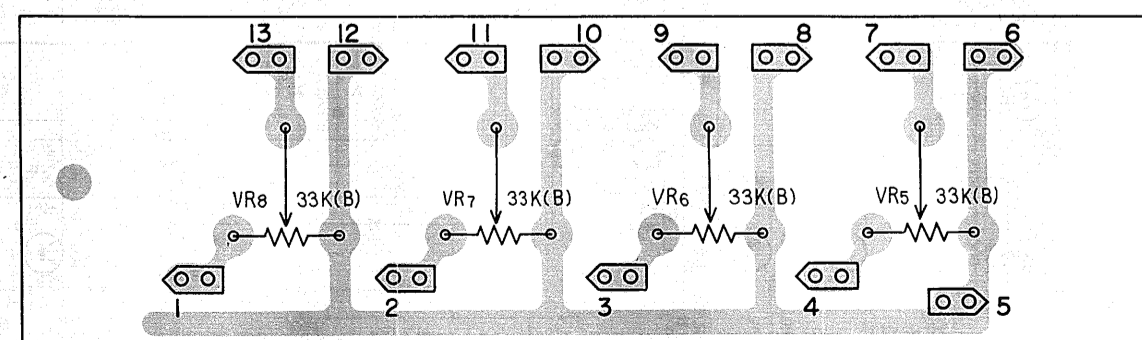
PB amp ass'y RWF-014



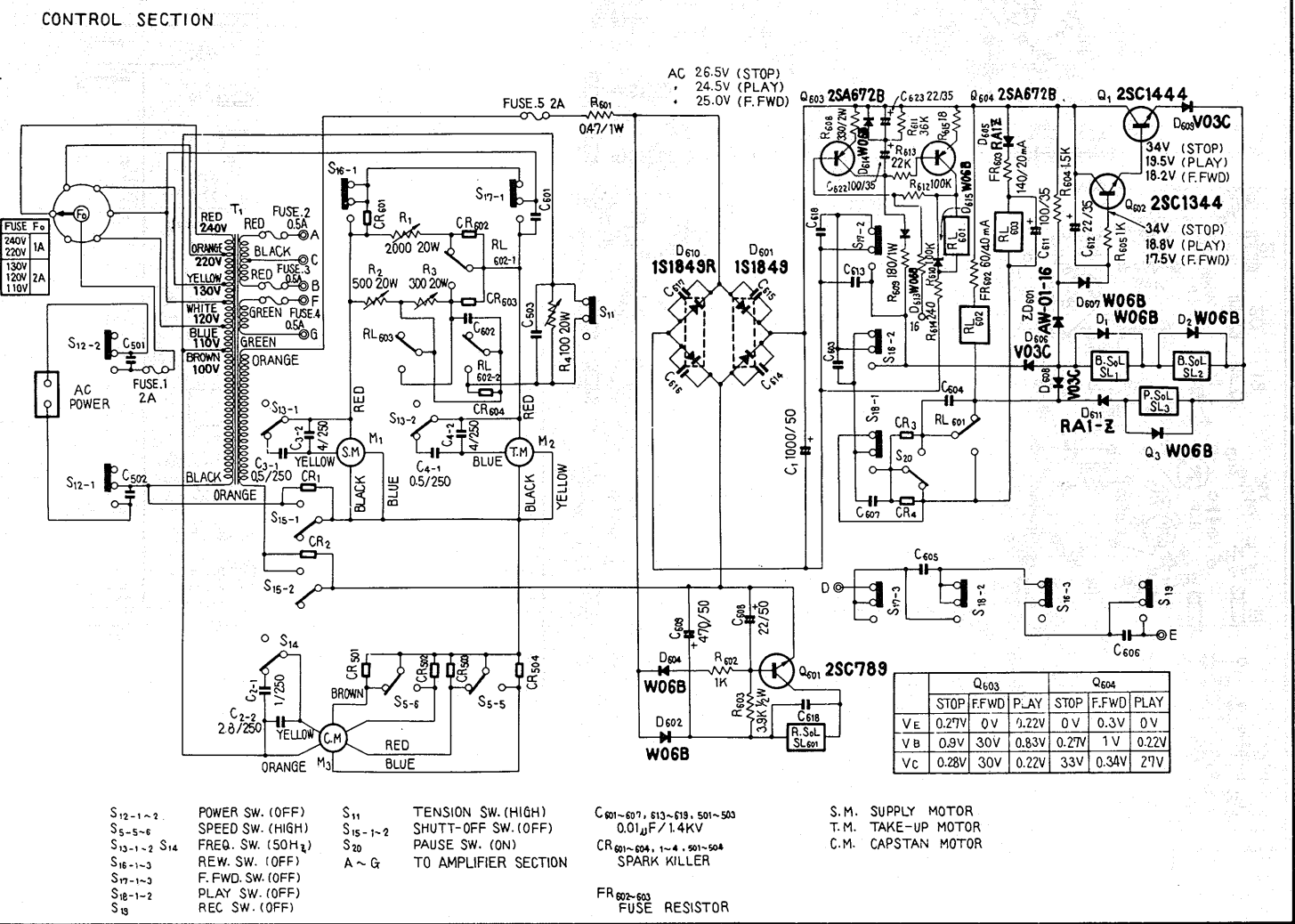
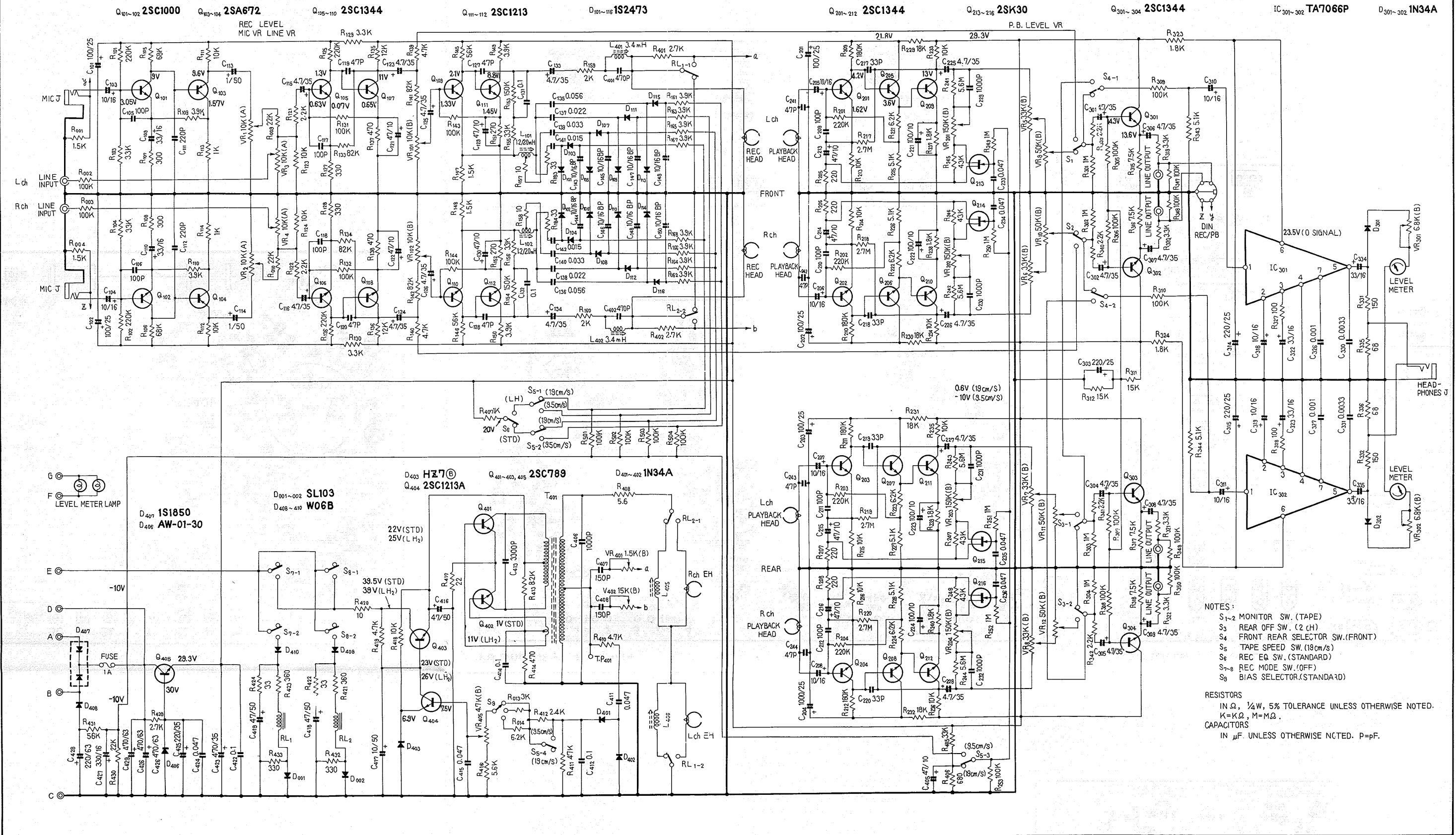
EQ switch ass'y RWS-013



Volume ass'y RWX-040



RT-1020L





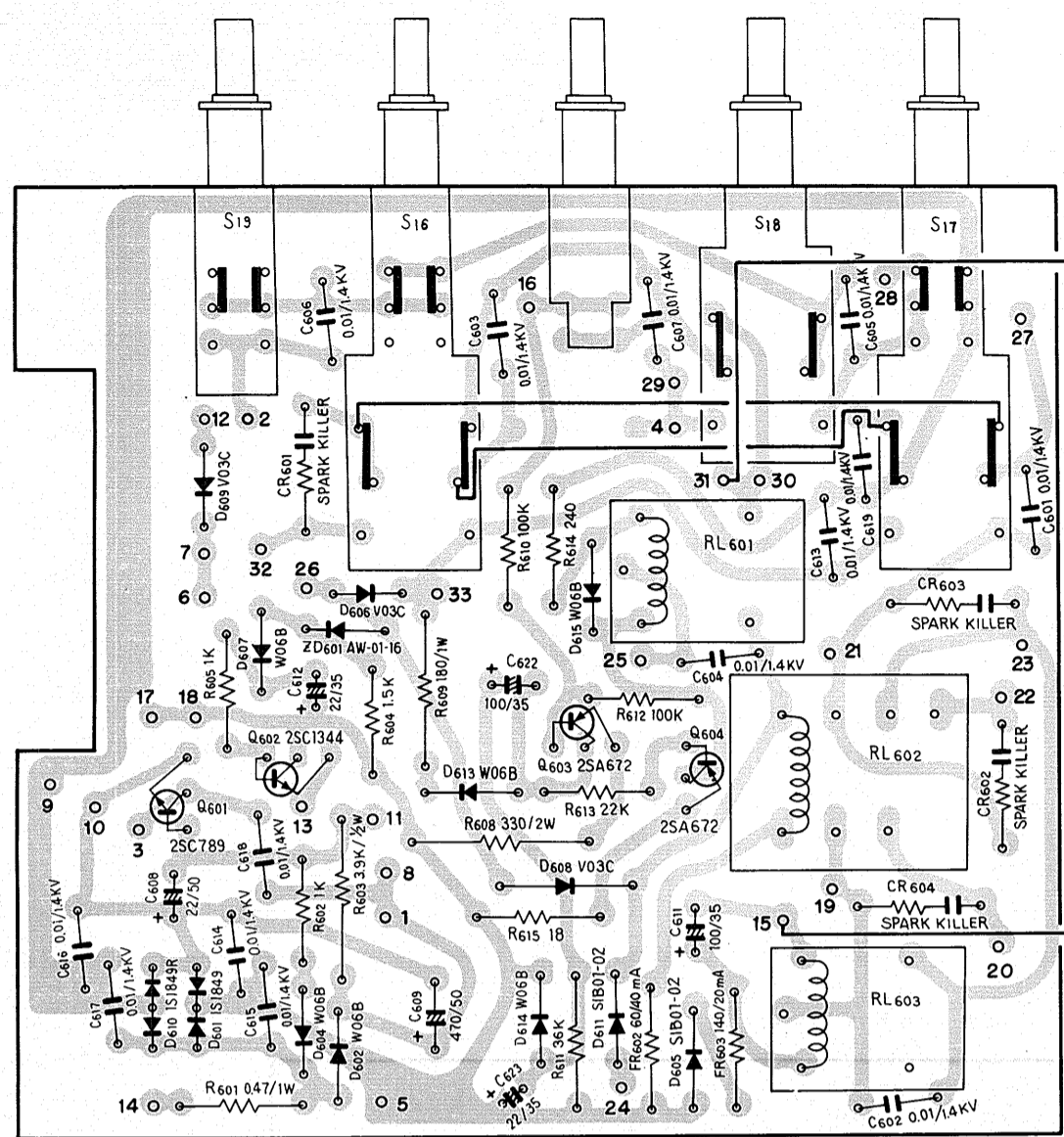
STEREO TAPE DECK

RT-10201

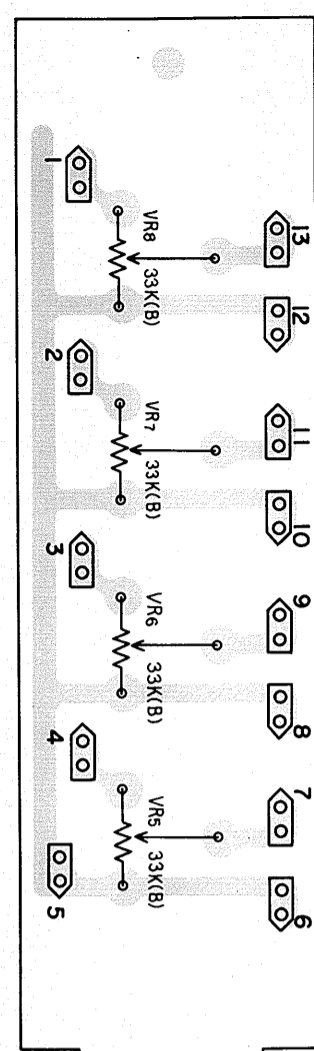
FU

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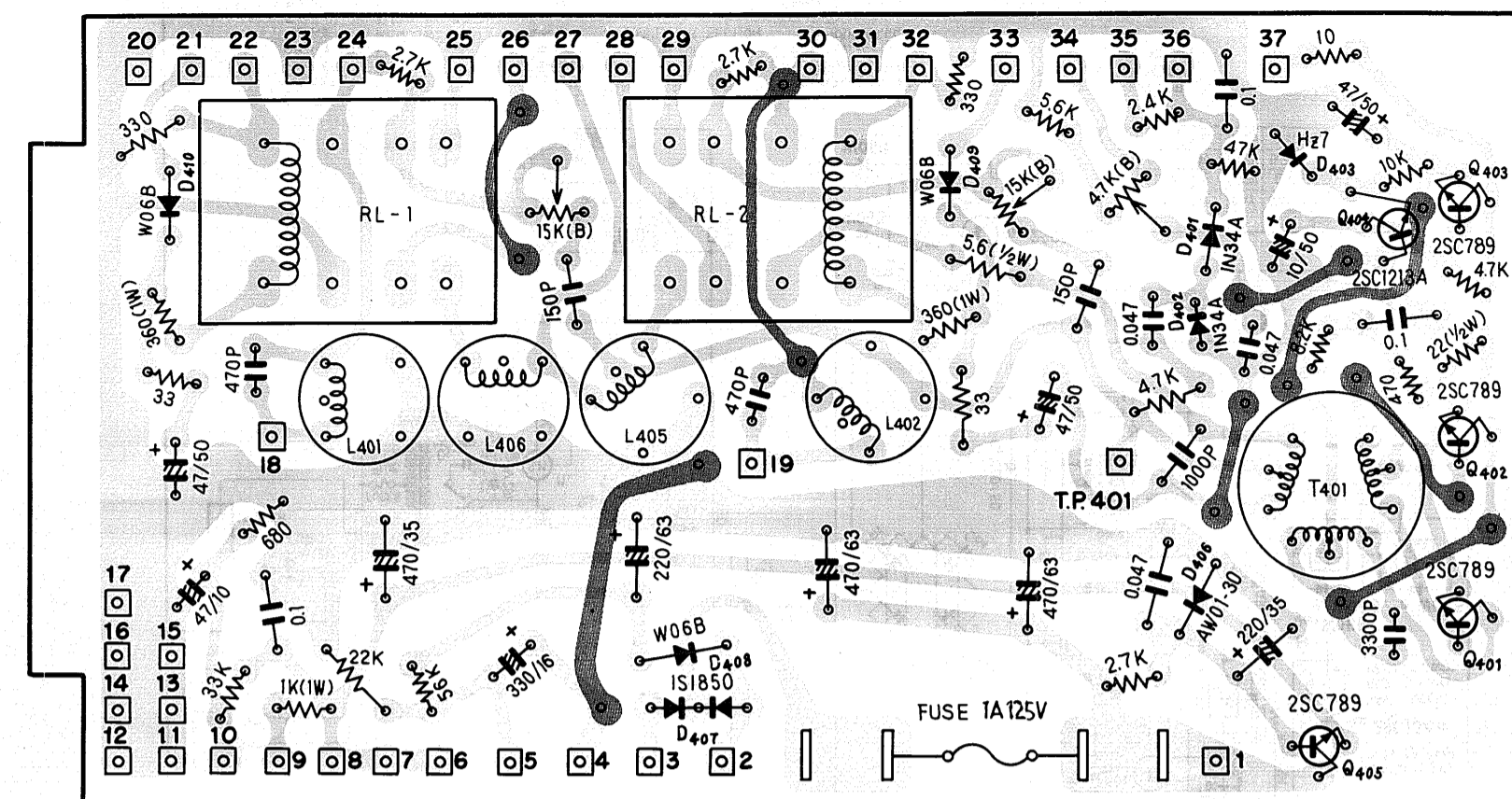
Control amp ass'y RWG-045



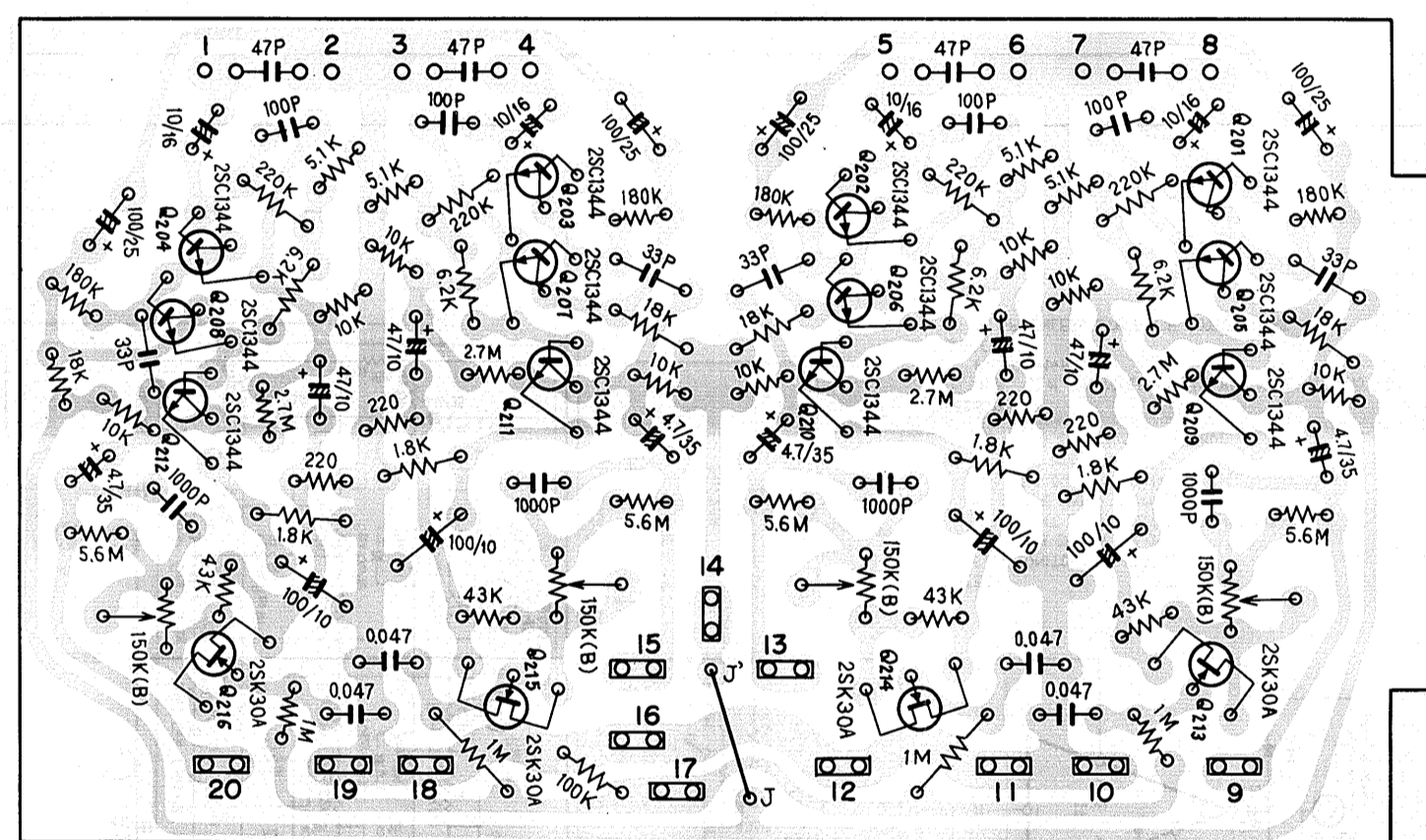
Volume ass'y RWX-064



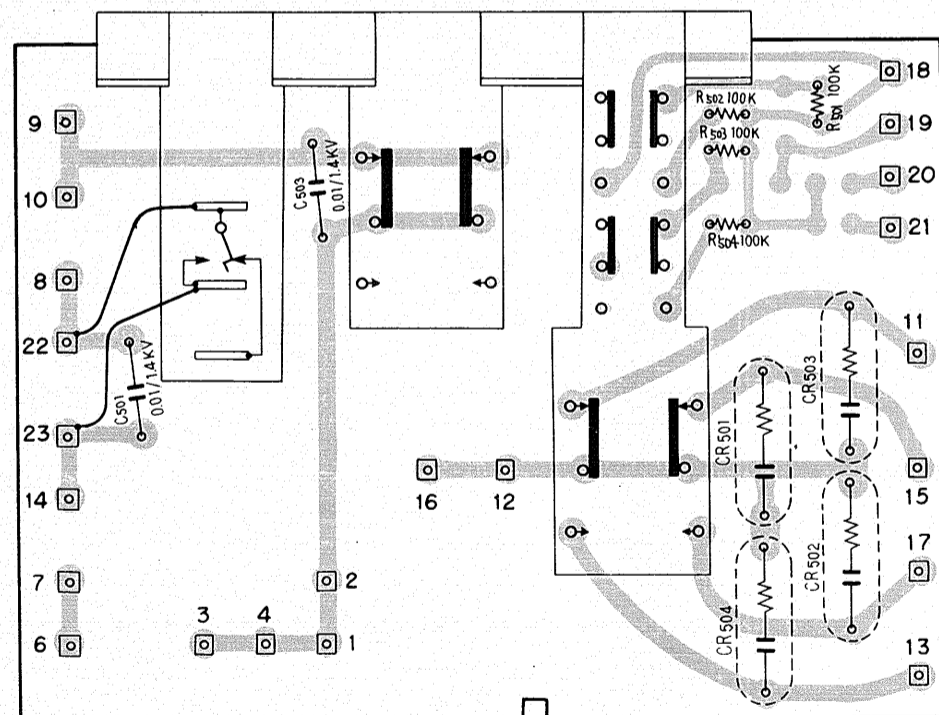
OSC ass'y RWA-012



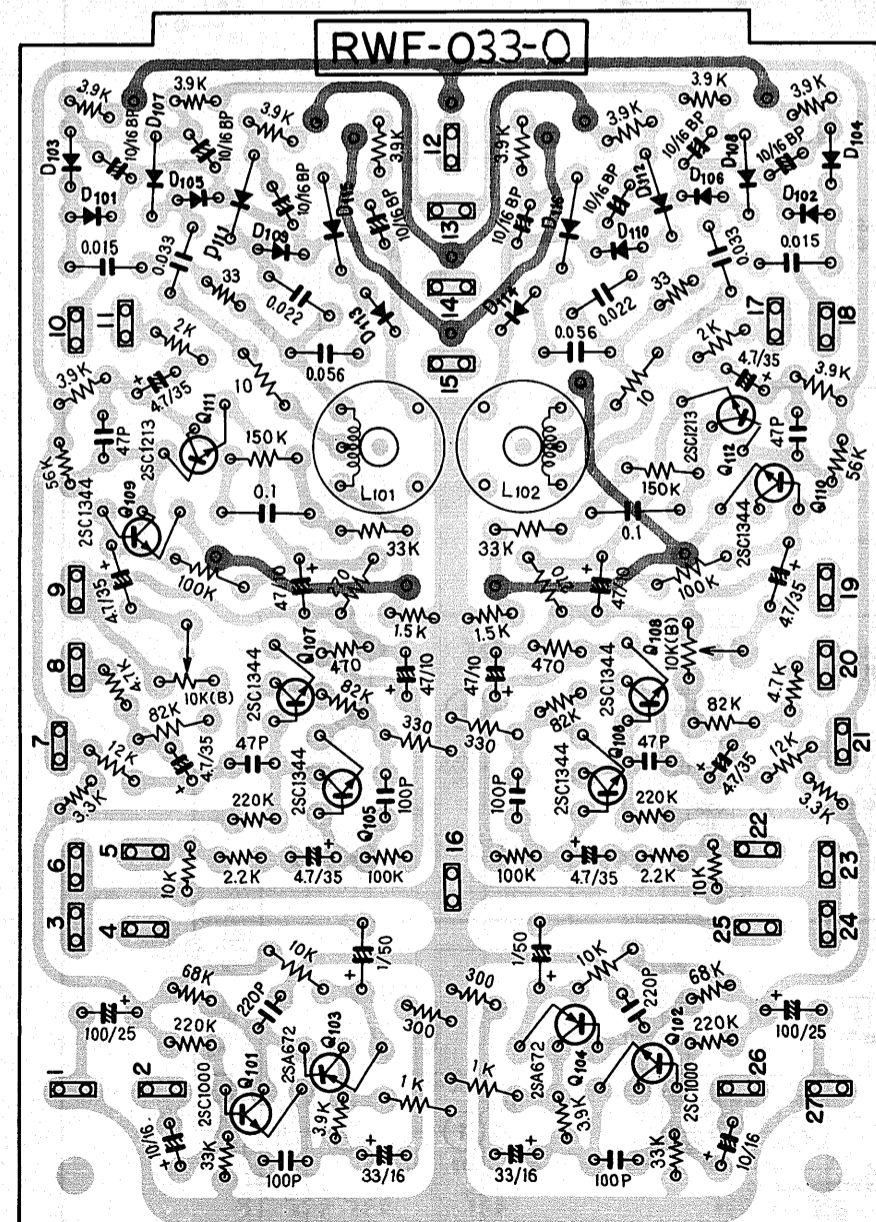
PB amp ass'y RWF-030



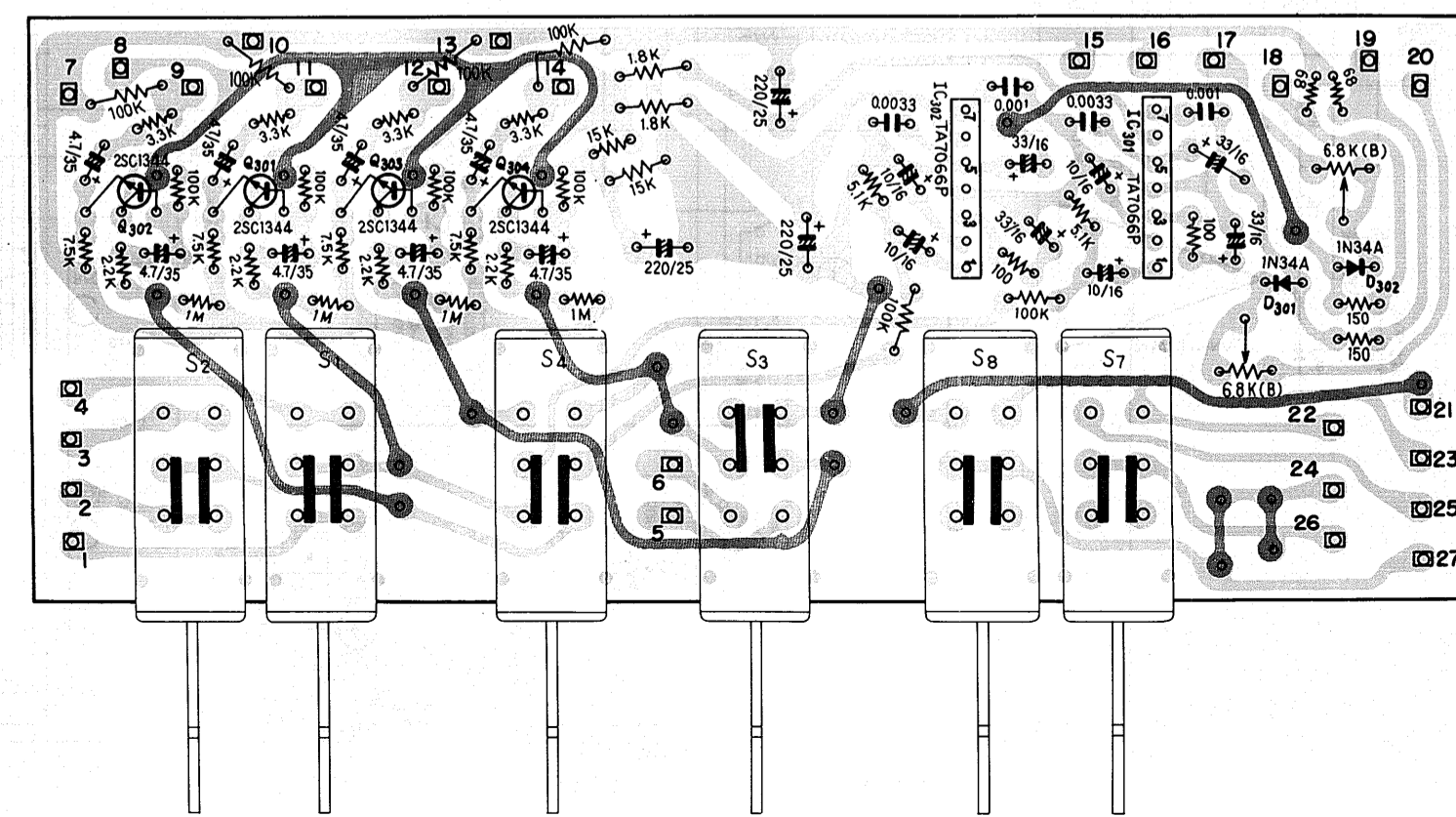
EQ switch ass'y RWS-020



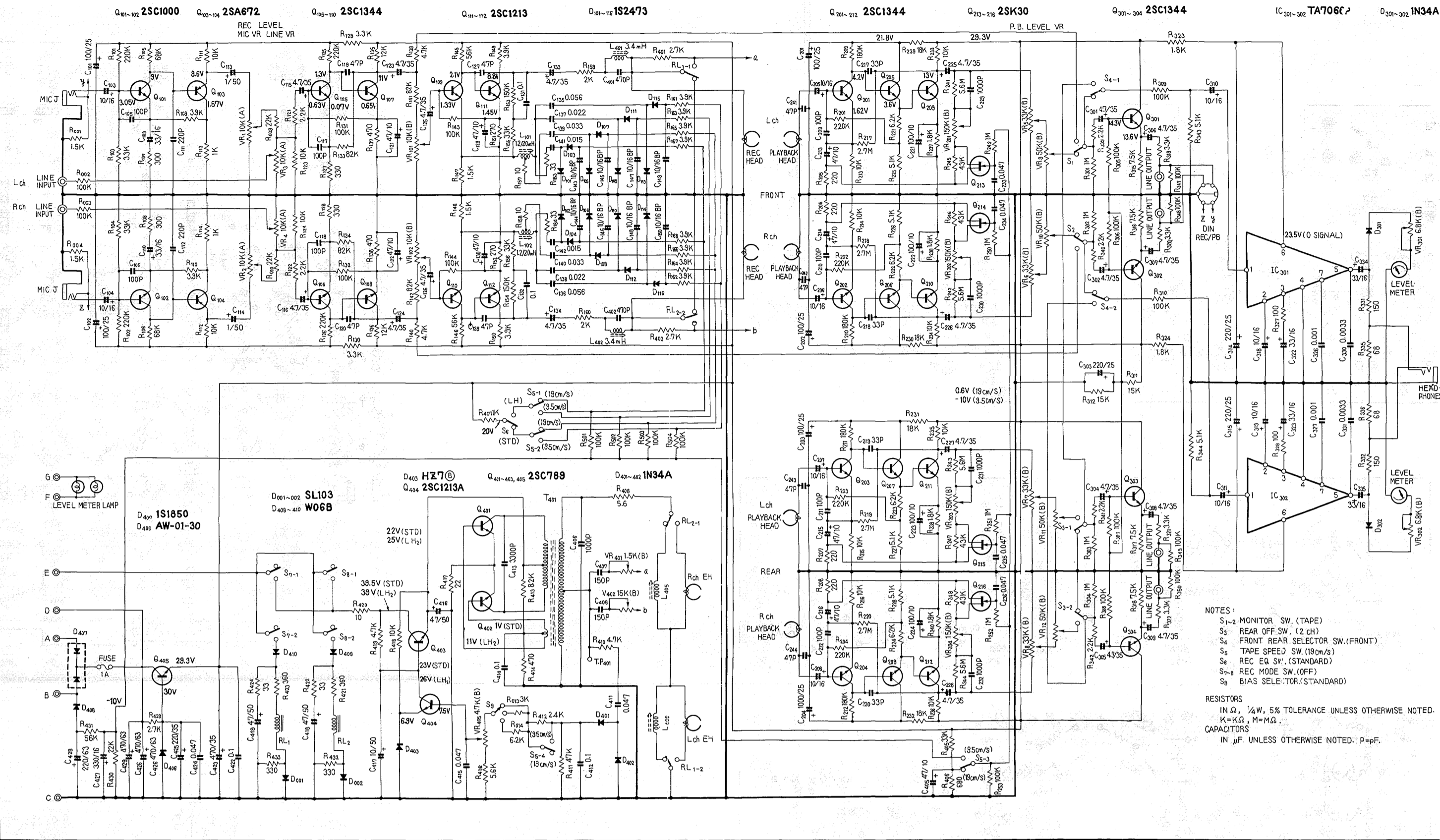
REC amp ass'y RWF-033



Switch circuit ass'y RWS-028



RT-1020L

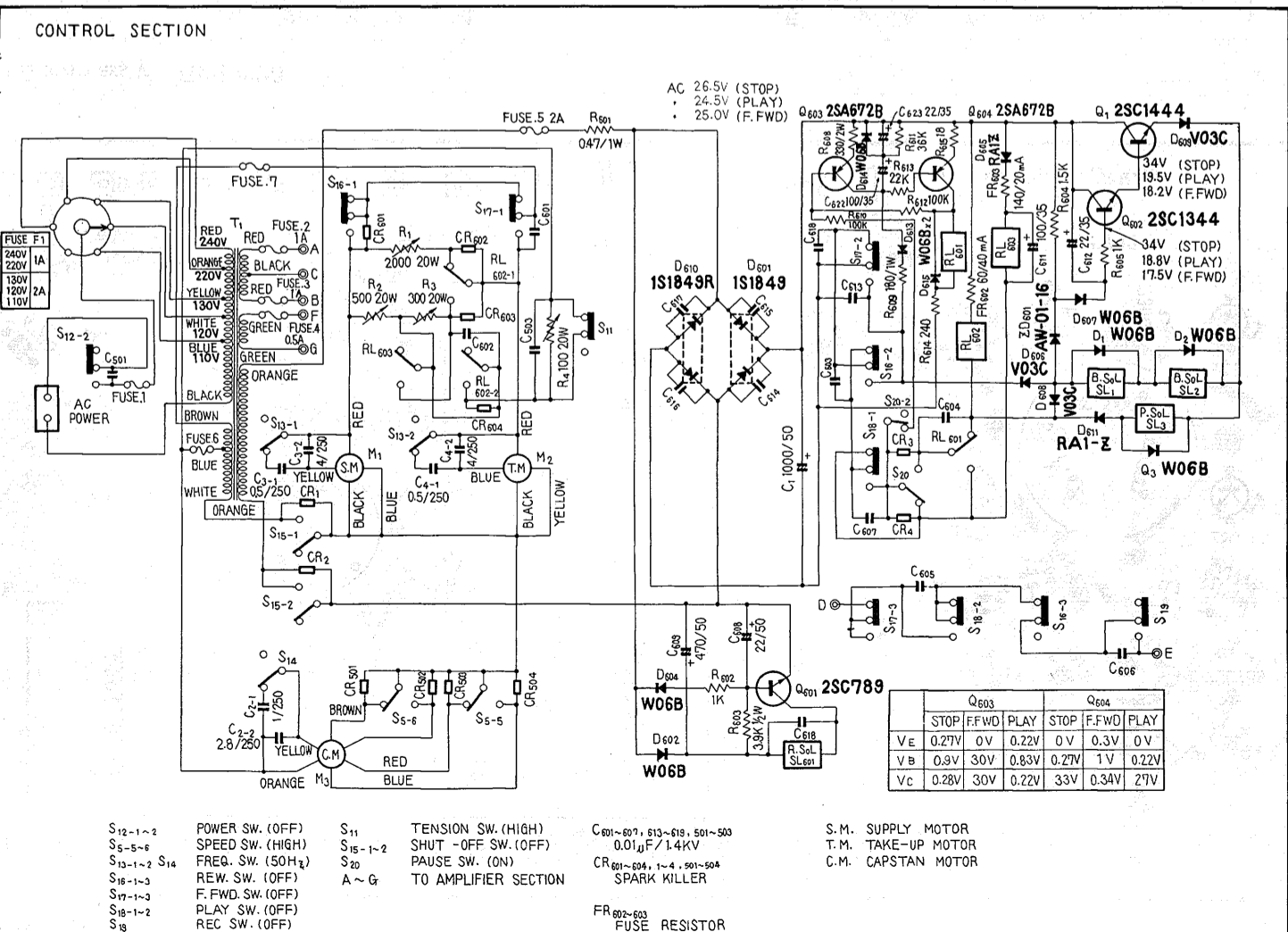


NOTES:

- S₁₋₂ MONITOR SW. (TAPE)
- S₃ REAR OFF SW. (2 CH)
- S₄ FRONT REAR SELECTOR SW. (FRONT)
- S₅ TAPE SPEED SW. (18cm/S)
- S₆ REC EG SW. (STANDARD)
- S₇₋₈ REC MODE SW. (OFF)
- S₉ BIAS SELECTOR (STANDARD)

RESISTORS
IN Ω , $\frac{1}{2}W$, 5% TOLERANCE UNLESS OTHERWISE NOTED.
K=K Ω , M=M Ω .

CAPACITORS
IN μF UNLESS OTHERWISE NOTED. P=p.p.f.



S₁₋₁₋₂ POWER SW. (OFF)
S₁₋₂₋₁ SPEED SW. (HIGH)
S₁₋₂₋₂ FREQ SW. (50Hz)
S₁₋₂₋₃ REW. SW. (OFF)
S₁₋₂₋₄ F.WD. SW. (OFF)
S₁₋₂₋₅ REC SW. (OFF)

S₁₁ TENSION SW. (HIGH)
S₁₂₋₁₋₂ SHUT-OFF SW. (OFF)
S₁₂₋₂ PAUSE SW. (ON)
A-G TO AMPLIFIER SECTION

C601-607, 613-618, 601-603 0.01 μF / 14KV
CR601-604, 1-4, 601-604 SPARK KILLER
FR601-603 FUSE RESISTOR

S.M. SUPPLY MOTOR
T.M. TAKE-UP MOTOR
C.M. CAPSTAN MOTOR



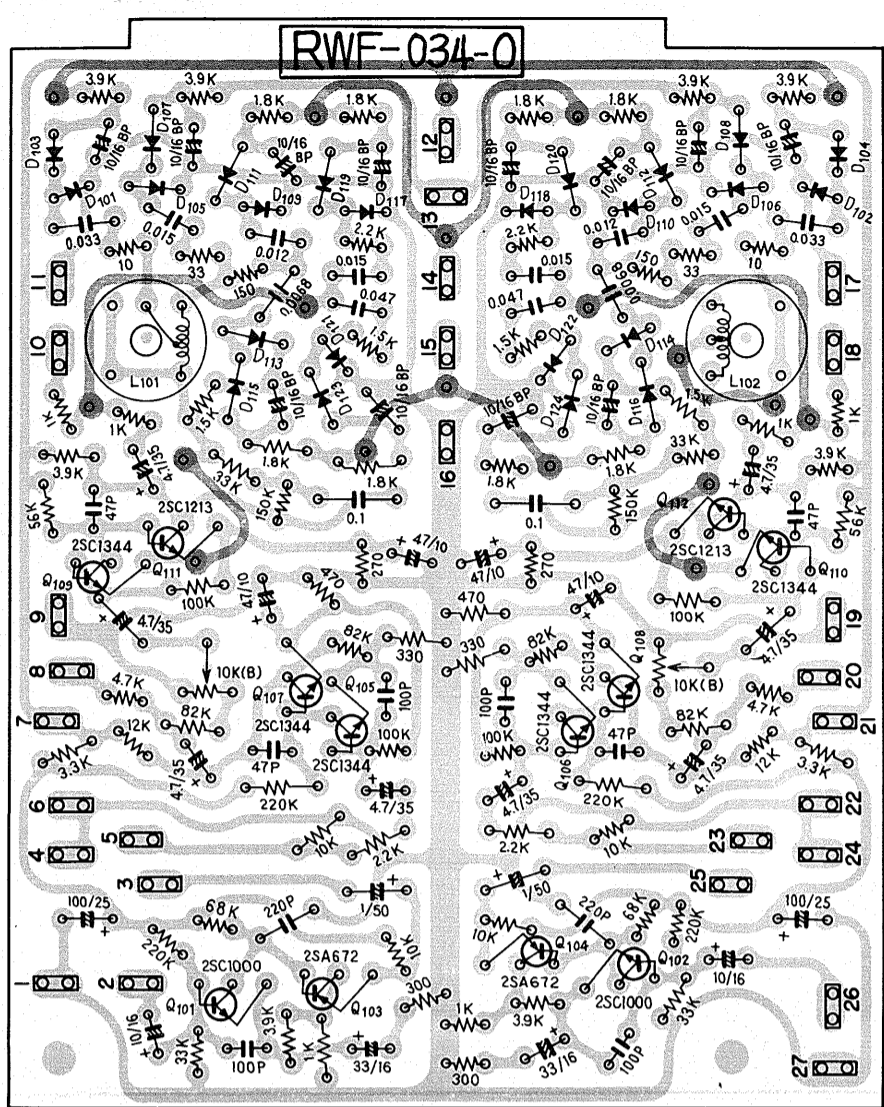
STEREO TAPE DECK

RT-1020H

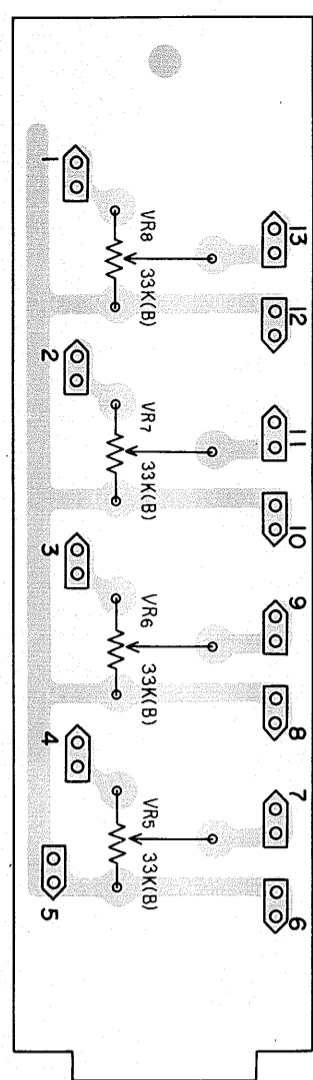
FU

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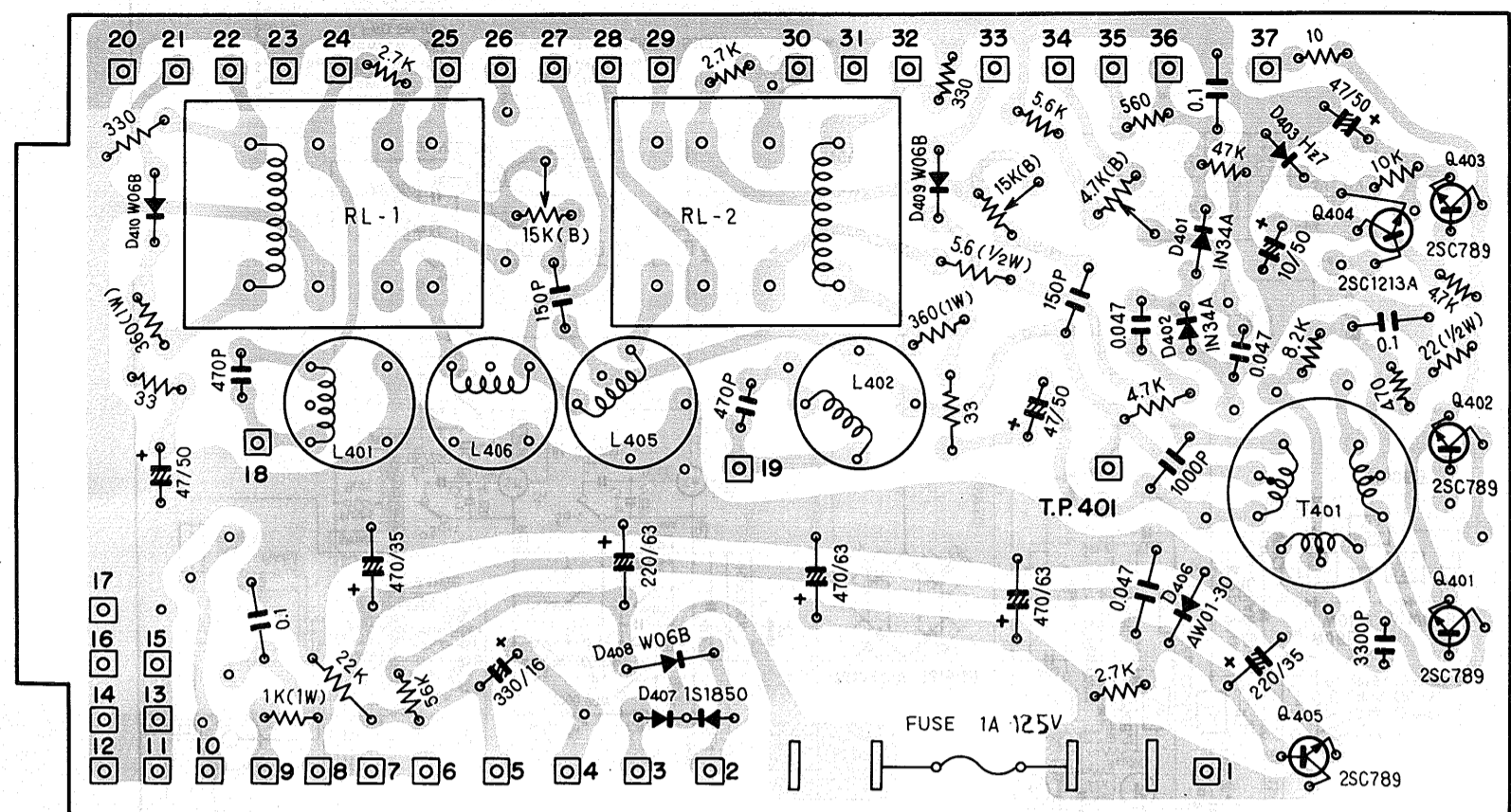
REC amp ass'y RWF-034



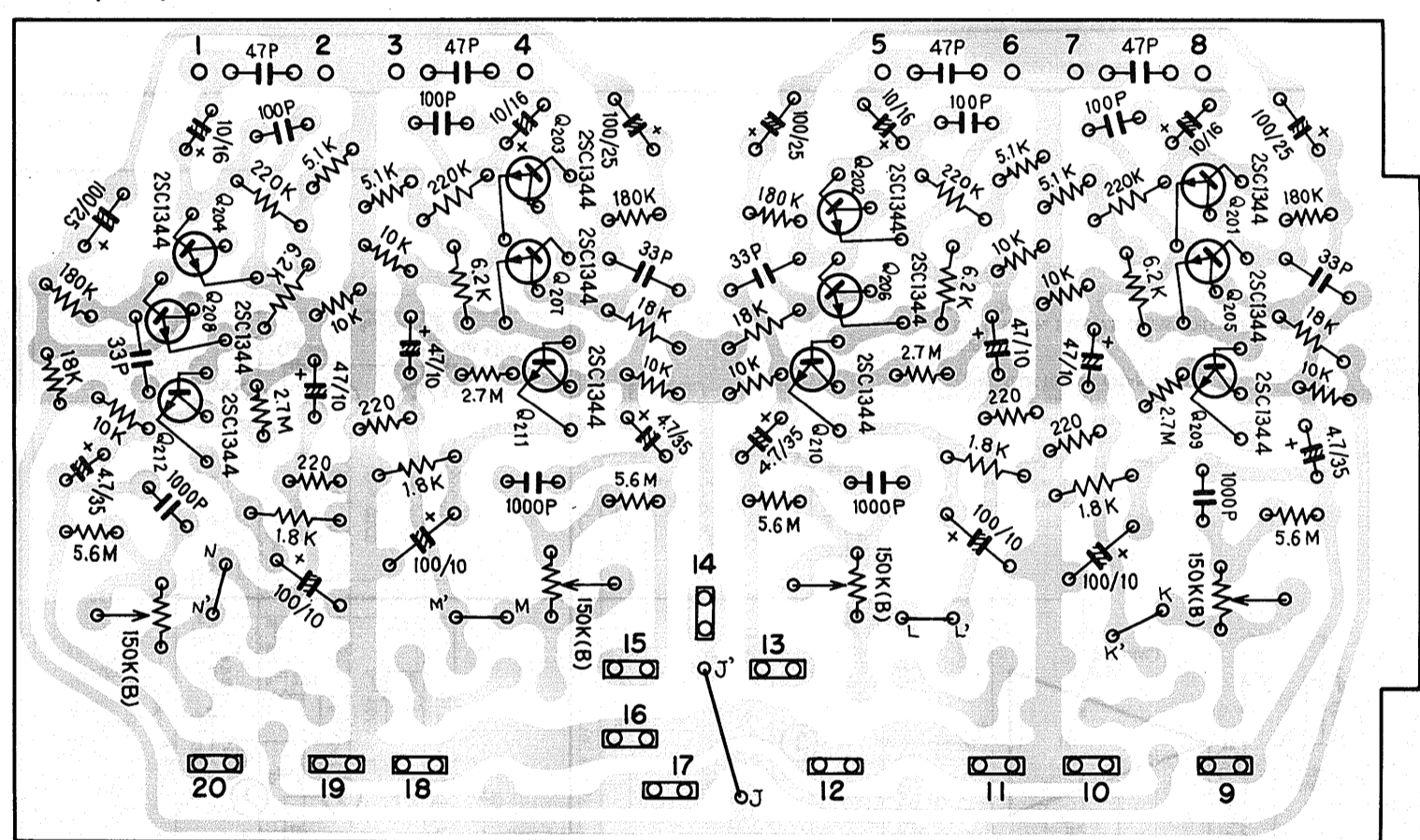
Volume ass'y RWX-064



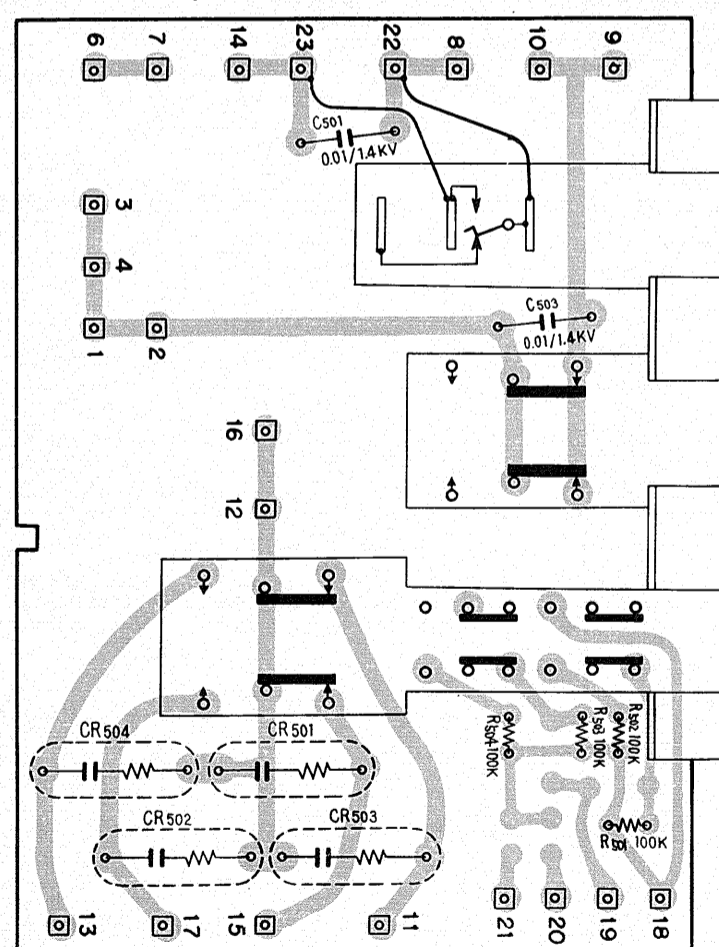
OSC ass'y RWA-011



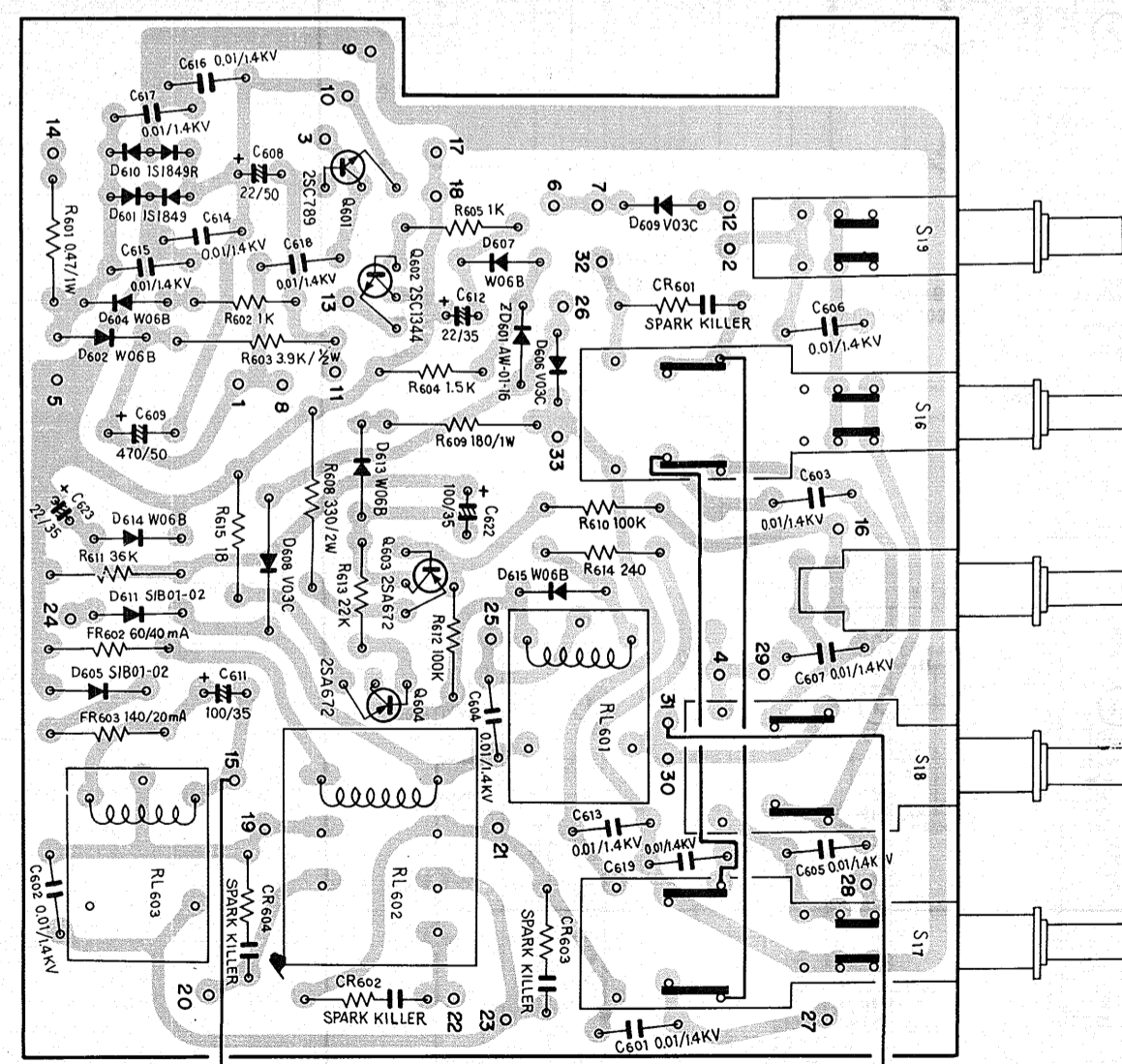
PB amp ass'y RWF-031



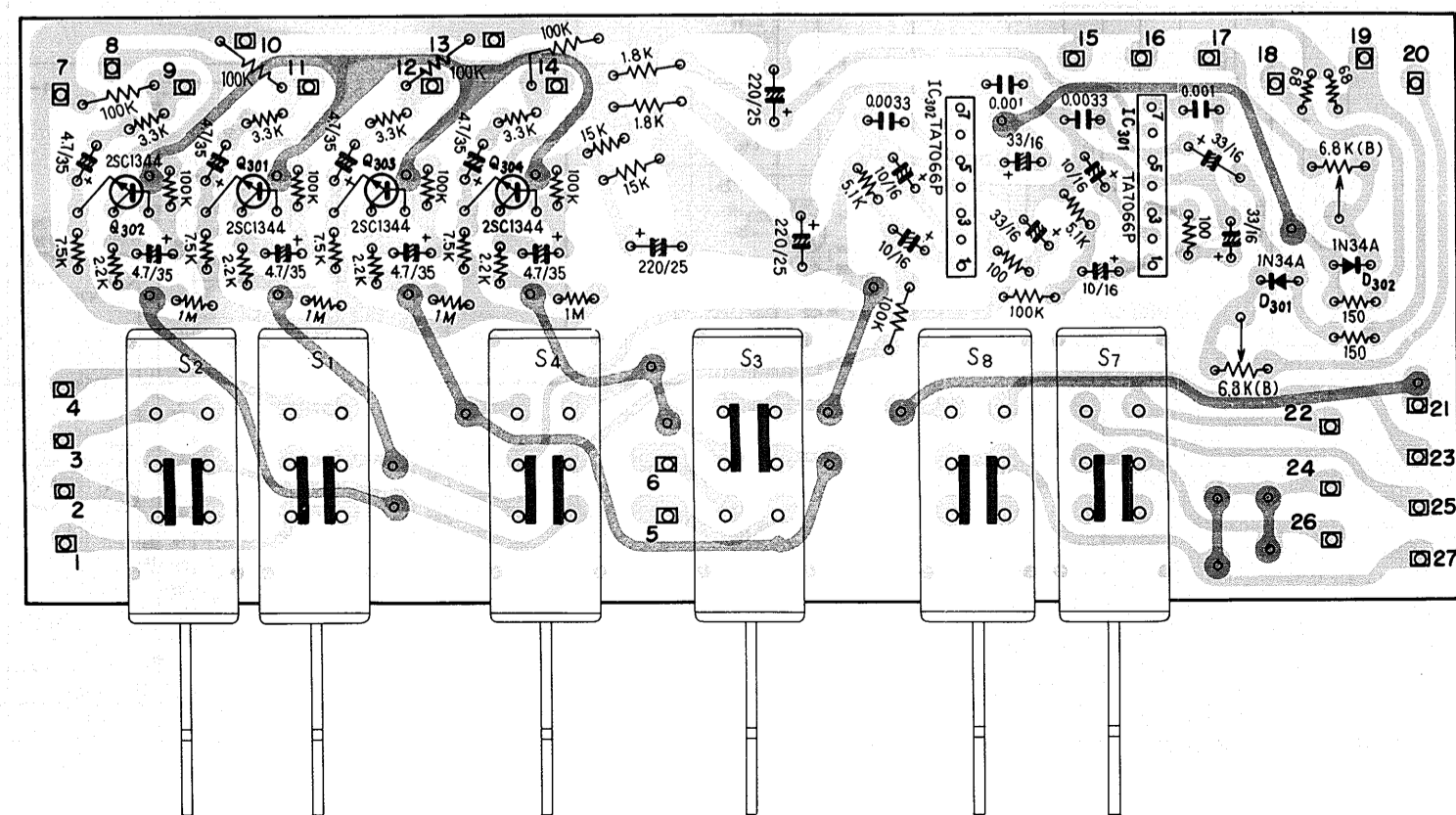
EQ switch ass'y RWS-020



Control amp ass'y RWG-045



Switch circuit ass'y RWS-028

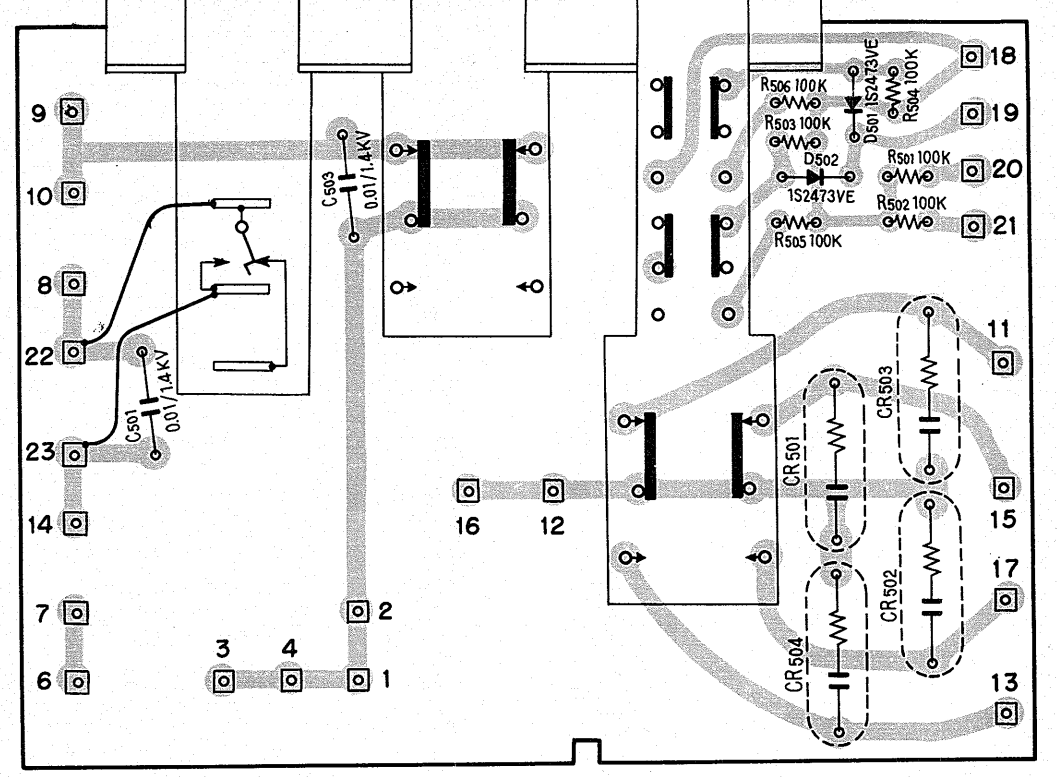




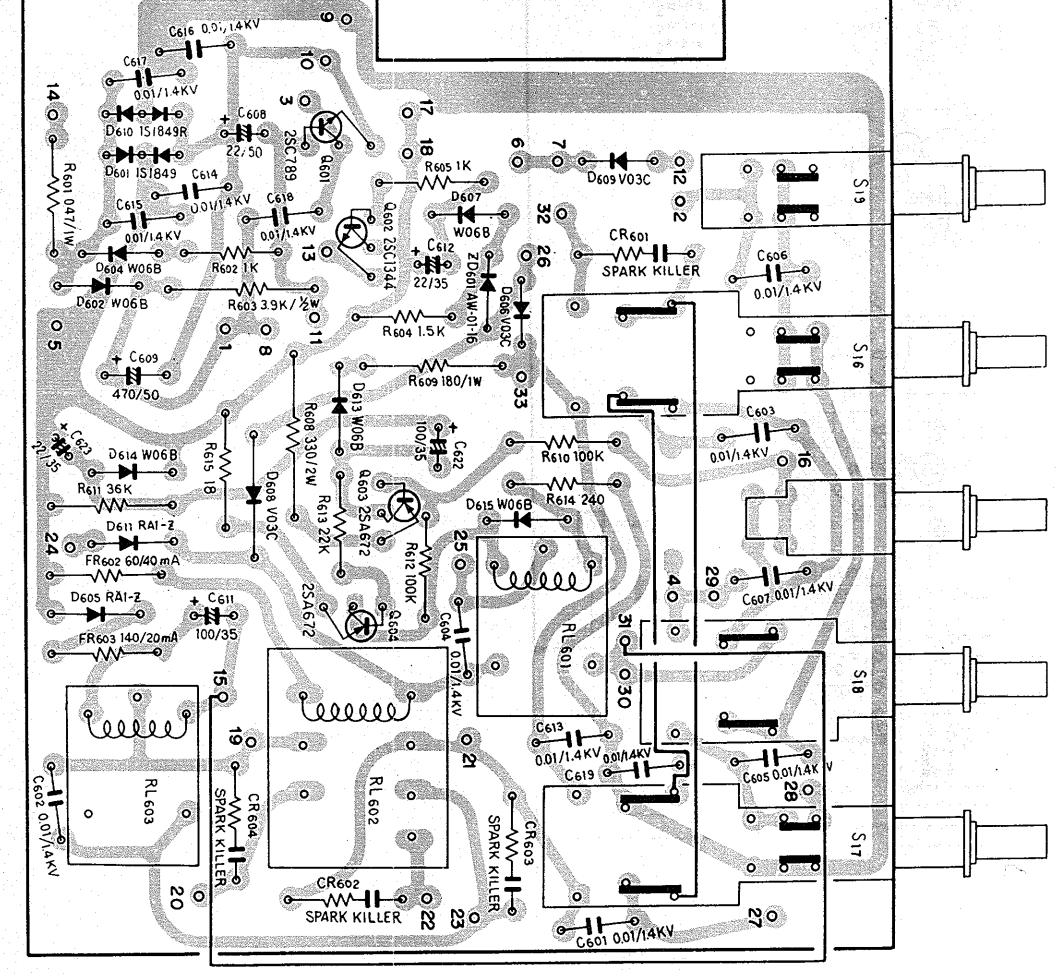
STEREO TAPE DECK
RT-1050
FU

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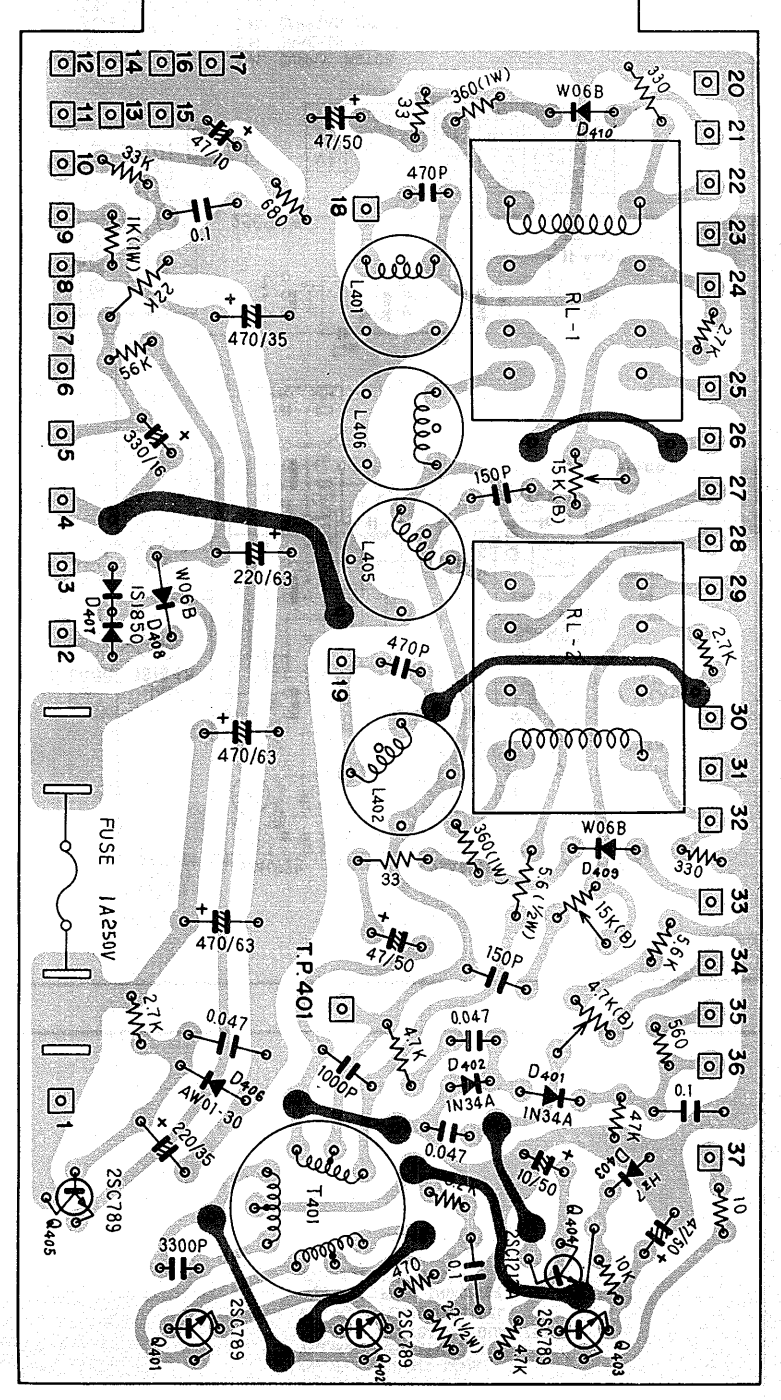
EQ switch ass'y RWS-021



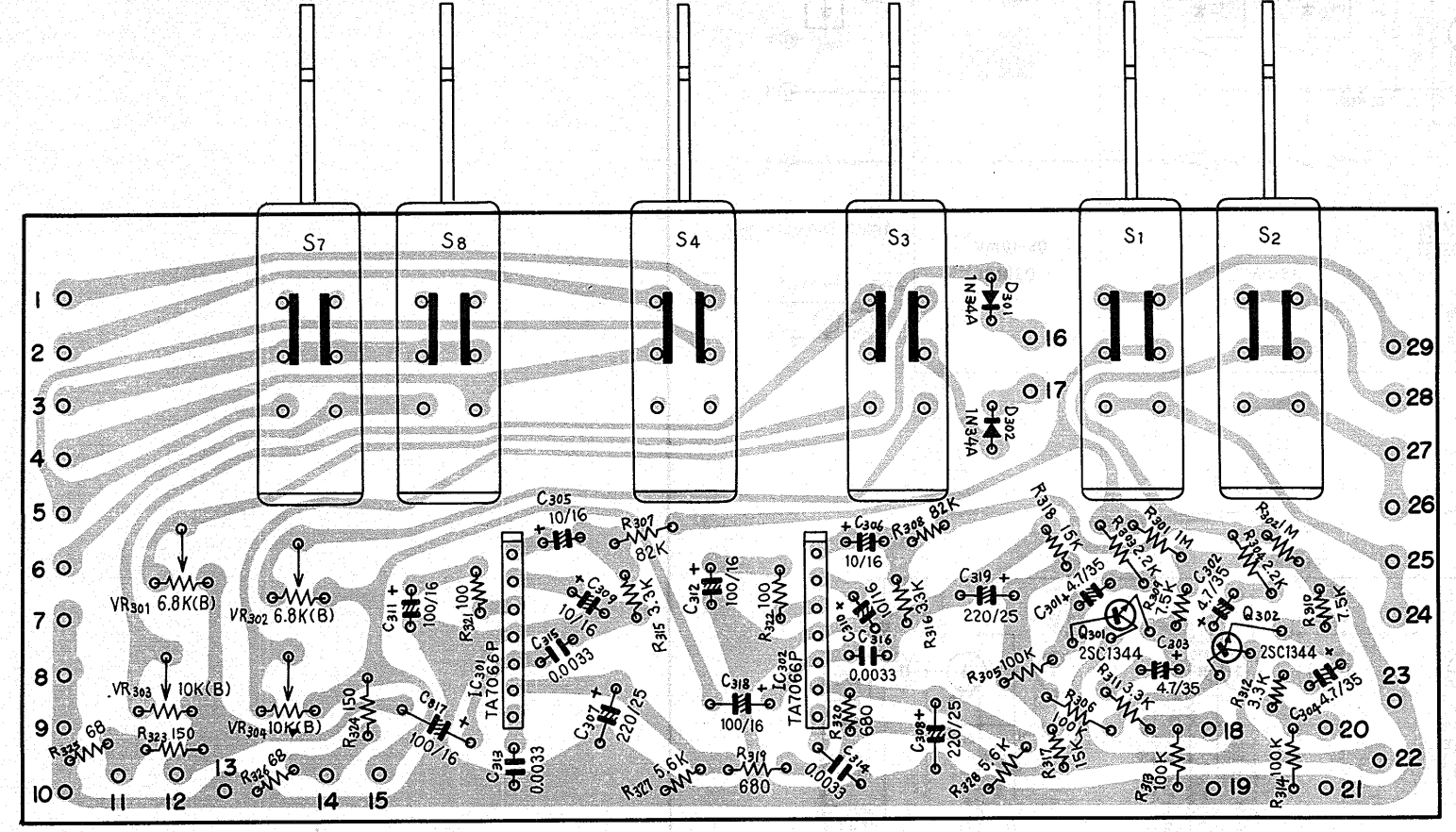
Control amp ass'y RWG-045



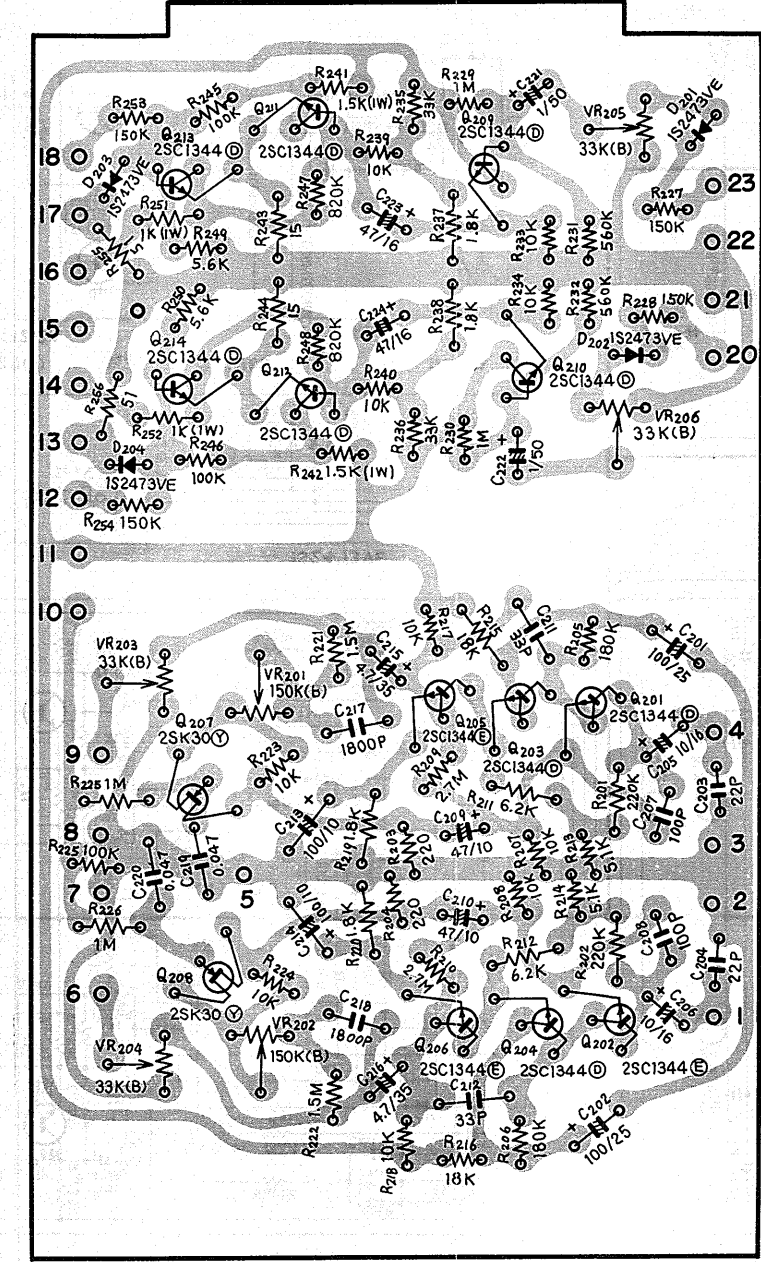
OSC ass'y RWA-013



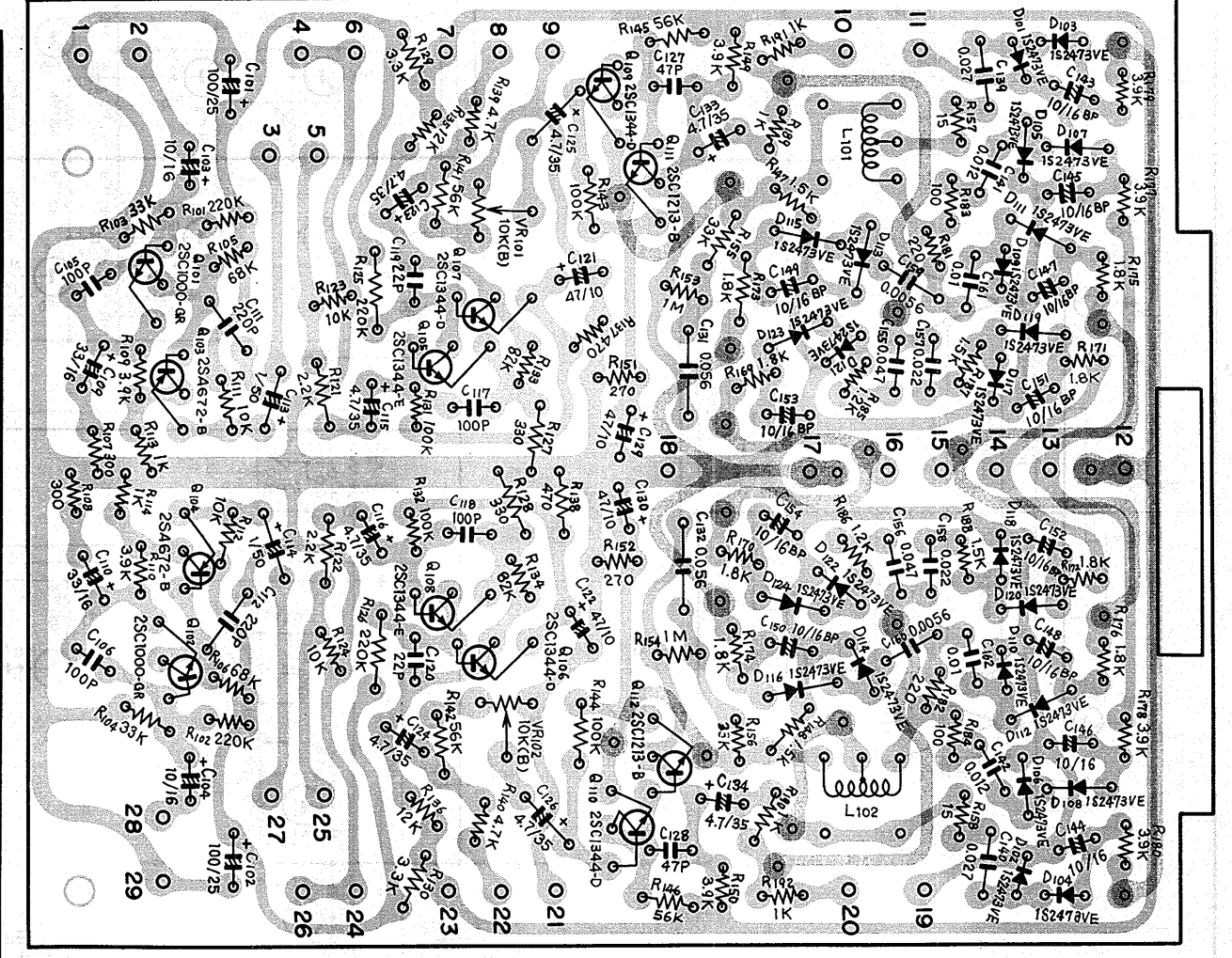
Switch circuit ass'y RWS-017



PB amp ass'y RWF-023



REC amp ass'y RWF-021



RT-1050

Q₂₀₁₋₁₉₂ 25C1000 Q₂₀₃₋₂₀₄ 25A672 Q₂₀₅₋₂₁₀ 25C1344

Q₁₁₁₋₁₁₂ 25C1213

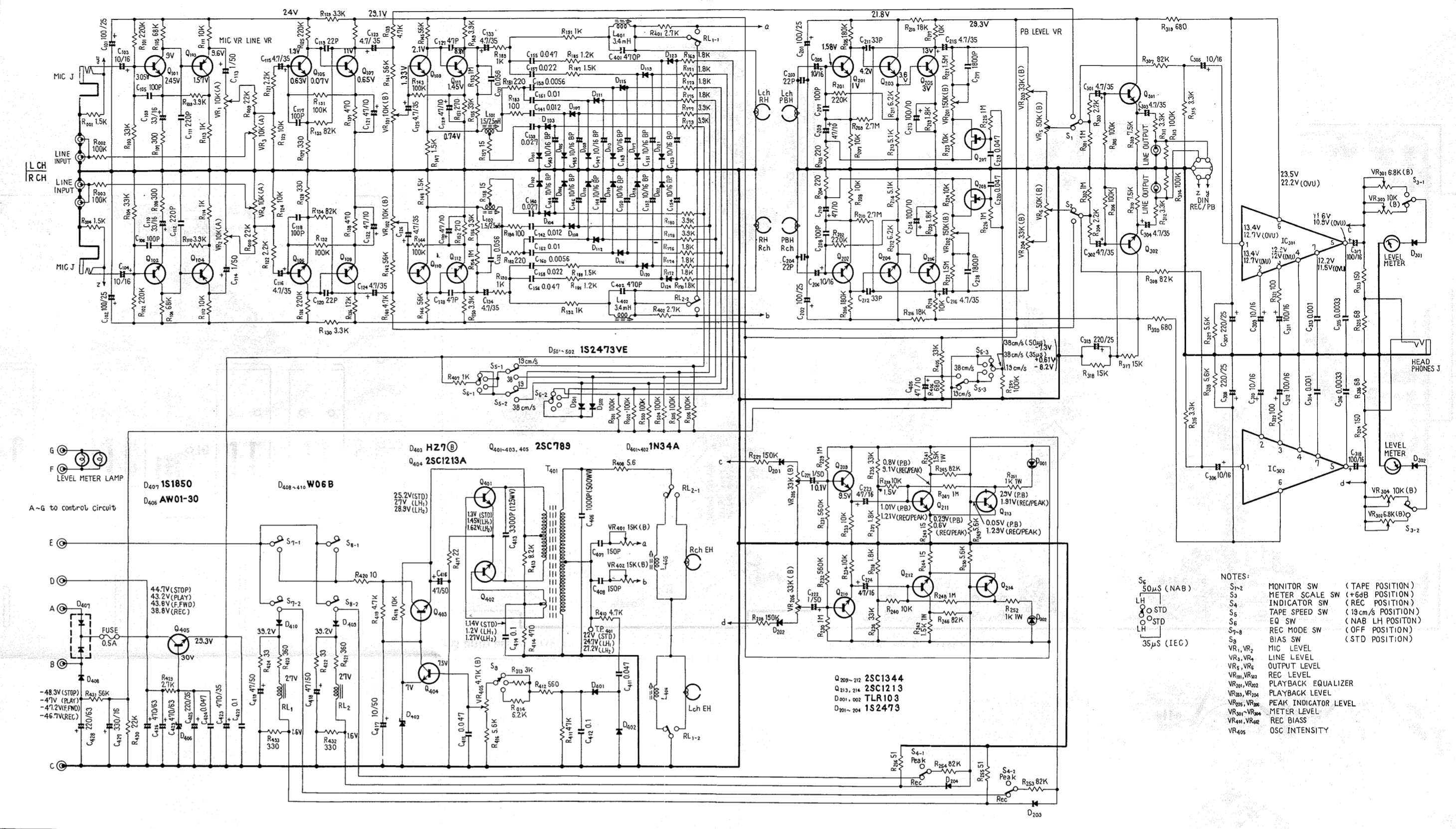
D₁₀₁₋₁₂₄ 1S2473VE

Q₂₀₁₋₂₀₆ 25C1344

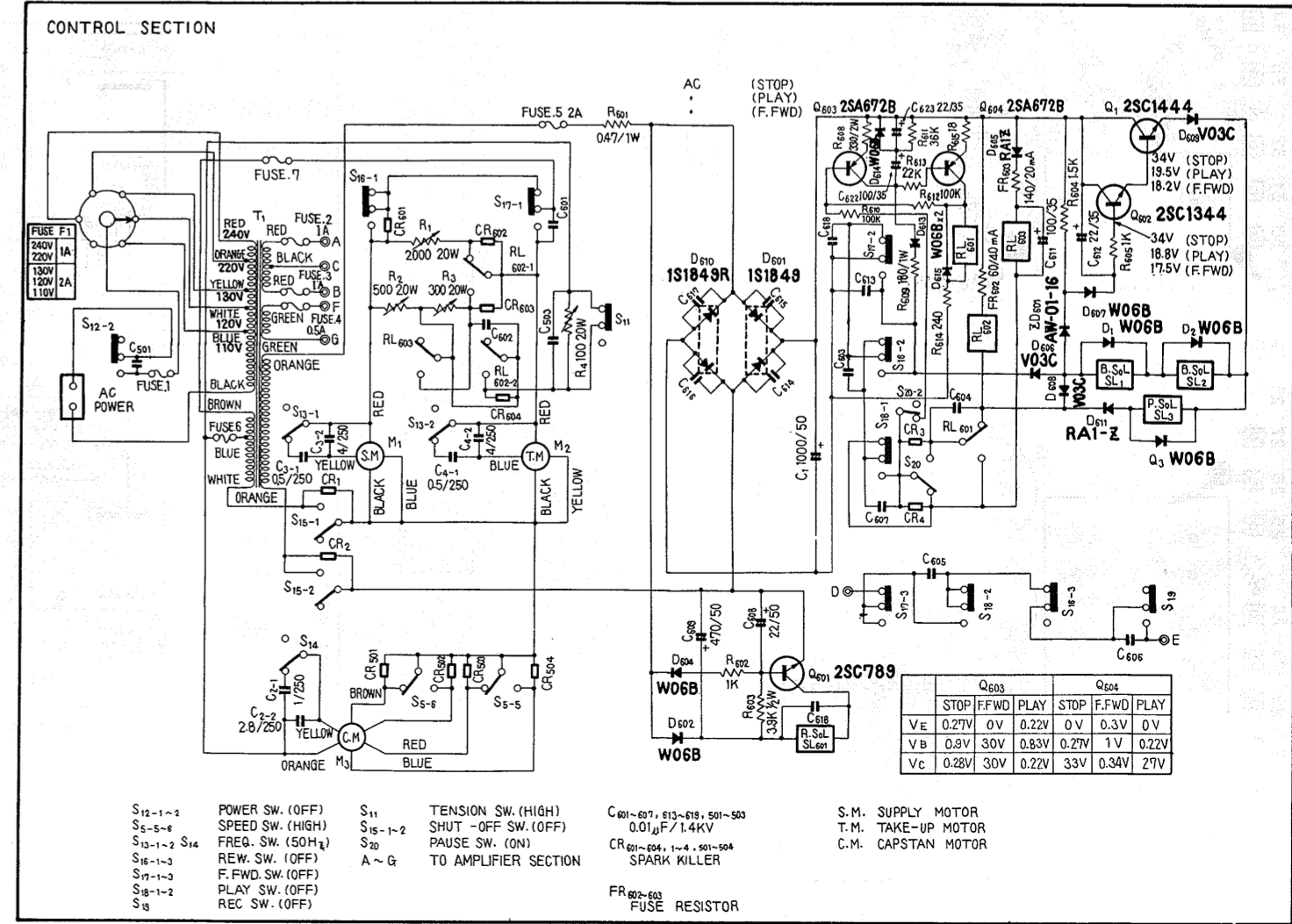
Q₂₀₇₋₂₀₈ 25K30

Q₂₀₉₋₂₀₂ 25C1344

IC₂₀₁₋₂₀₂ TA7066P



- NOTES:**
- S₁₋₂ 50μS (NAB)
 - S₃ MONITOR SW (TAPE POSITION)
 - S₄ METER SCALE SW (+6dB POSITION)
 - S₅ INDICATOR SW (REC POSITION)
 - S₆ TAPE SPEED SW (18cm/s POSITION)
 - S₇ EQ SW (NAB LH POSITION)
 - S₈ REC MODE SW (OFF POSITION)
 - S₉ BIAS SW (STD POSITION)
 - VR₁, VR₂ MIC LEVEL
 - VR₃, VR₄ LINE LEVEL
 - VR₅, VR₆ OUTPUT LEVEL
 - VR₇, VR₈ REC LEVEL
 - VR₉, VR₁₀ PLAYBACK EQUALIZER
 - VR₁₁, VR₁₂ PLAYBACK LEVEL
 - VR₁₃, VR₁₄ PEAK INDICATOR LEVEL
 - VR₁₅, VR₁₆ METER LEVEL
 - VR₁₇, VR₁₈ REC BIAS
 - VR₁₉ OSC INTENSITY



- Legend:**
- S₁₋₁₋₁ POWER SW. (OFF)
 - S₁₋₁₋₂ SPEED SW. (HIGH)
 - S₁₋₁₋₃ FREQ. SW. (50Hz)
 - S₁₋₁₋₄ REW. SW. (OFF)
 - S₁₋₁₋₅ F.FWD SW. (OFF)
 - S₁₋₁₋₆ PLAY SW. (OFF)
 - S₁₋₁₋₇ REC SW. (OFF)
 - S₁₁ TENSION SW. (HIGH)
 - S₁₂₋₁₋₁ SHUT-OFF SW. (OFF)
 - S₁₂₋₁₋₂ PAUSE SW. (ON)
 - A ~ G TO AMPLIFIER SECTION
 - C₆₀₁₋₆₀₇, C₆₁₃₋₆₁₈, C₆₀₁₋₆₀₃ 0.01μF/1.4kV
 - CR₆₀₁₋₆₀₄, CR₁₋₄, CR₆₀₁₋₆₀₄ SPARK KILLER
 - FR₆₀₁₋₆₀₃ FUSE RESISTOR
 - S.M. SUPPLY MOTOR
 - T.M. TAKE-UP MOTOR
 - C.M. CAPSTAN MOTOR

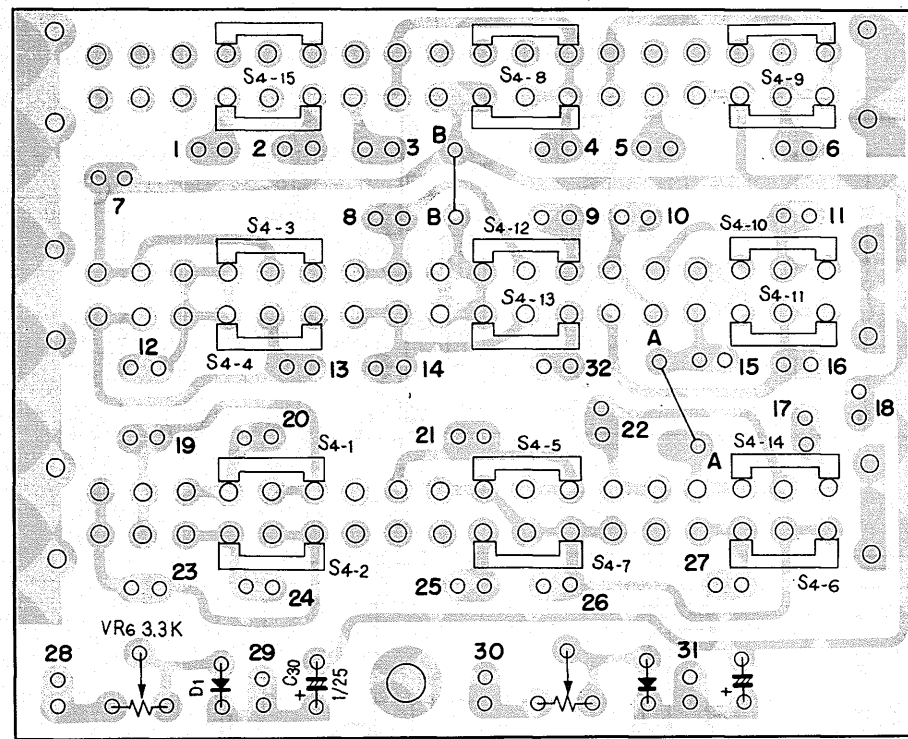


4-CHANNEL STEREO TAPE DECK

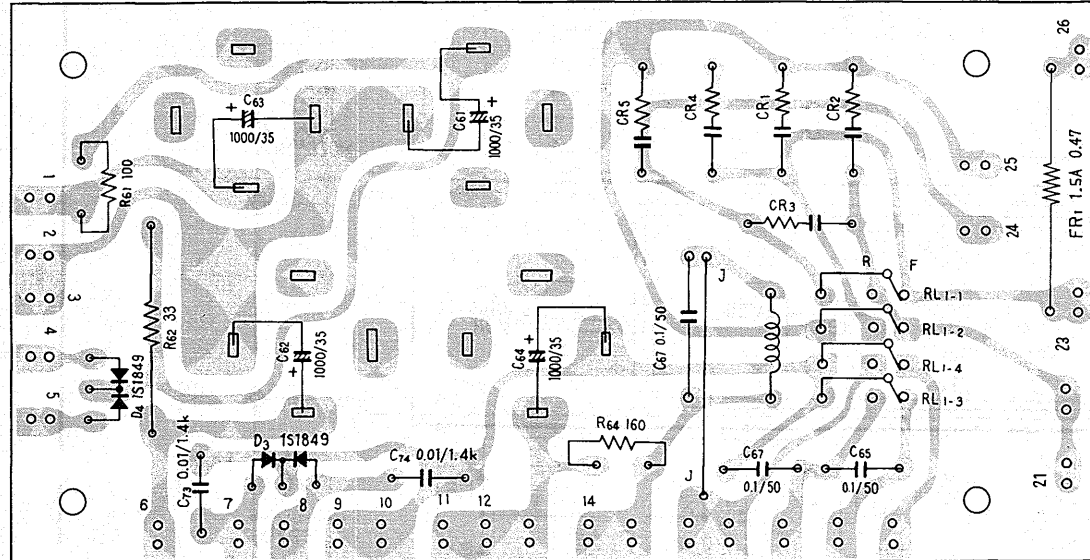
CT-74

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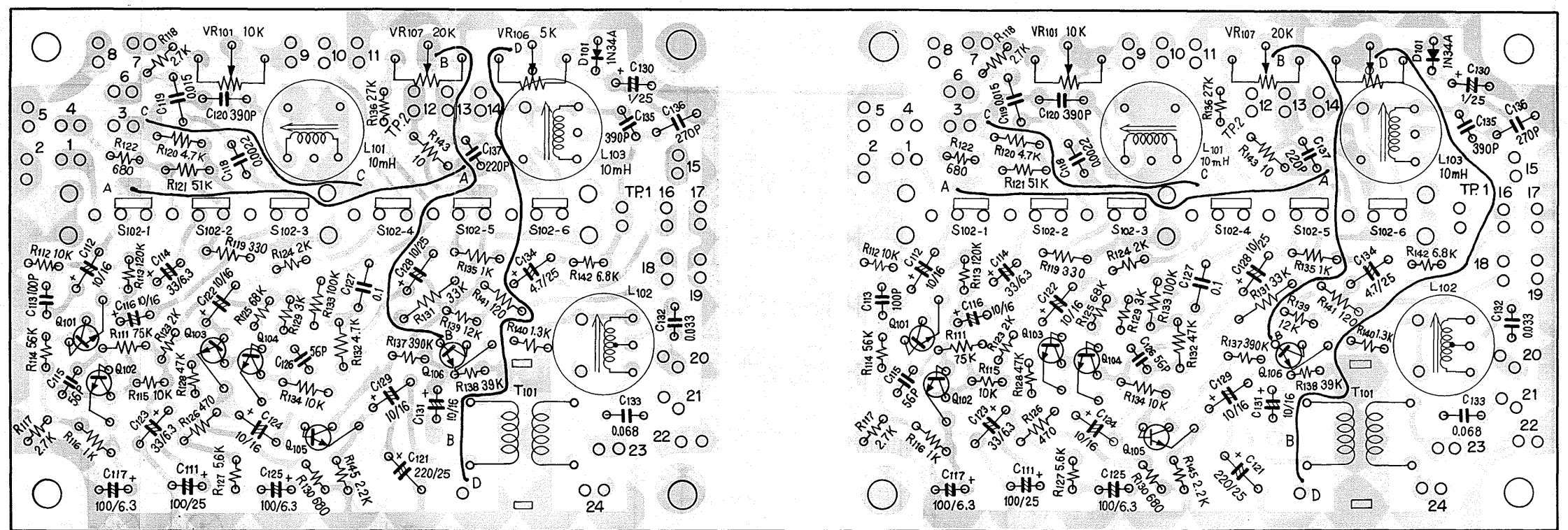
Mode switch ass'y RWX-001



Power supply ass'y RWR-020

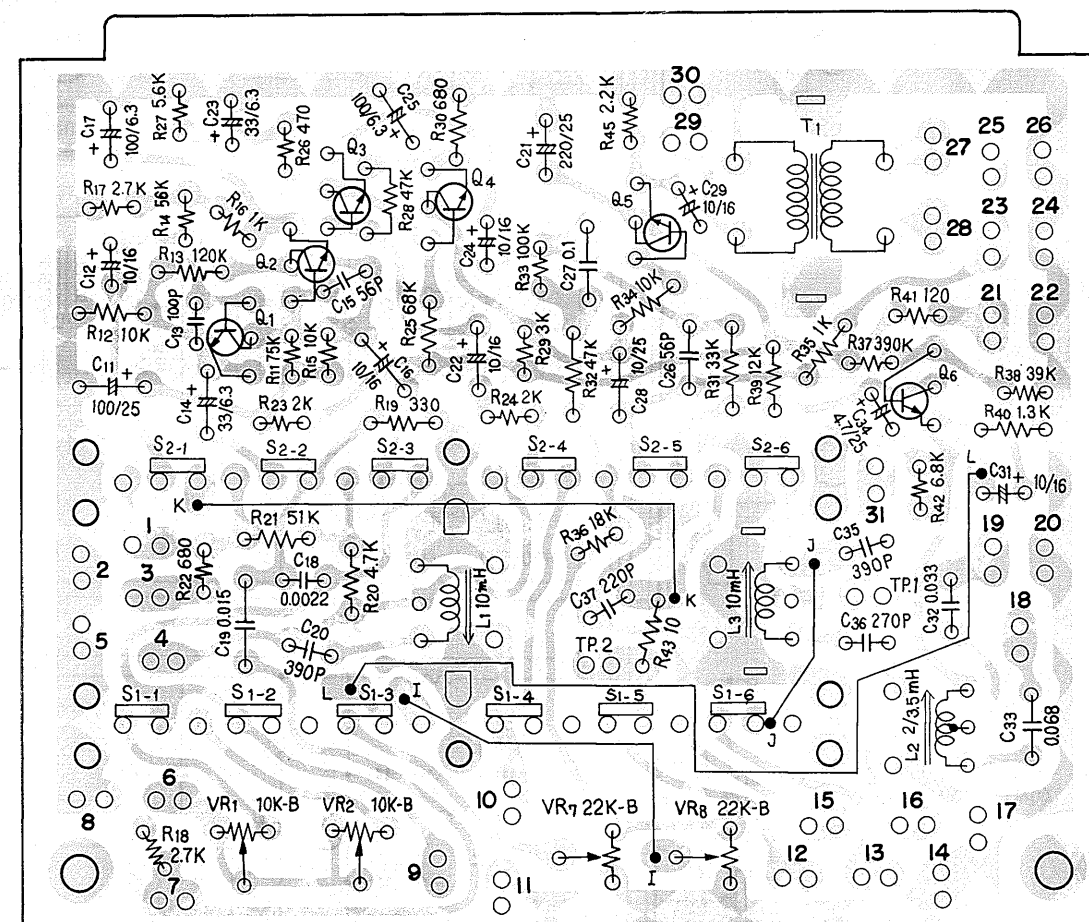


Amp ass'y B RWF-004



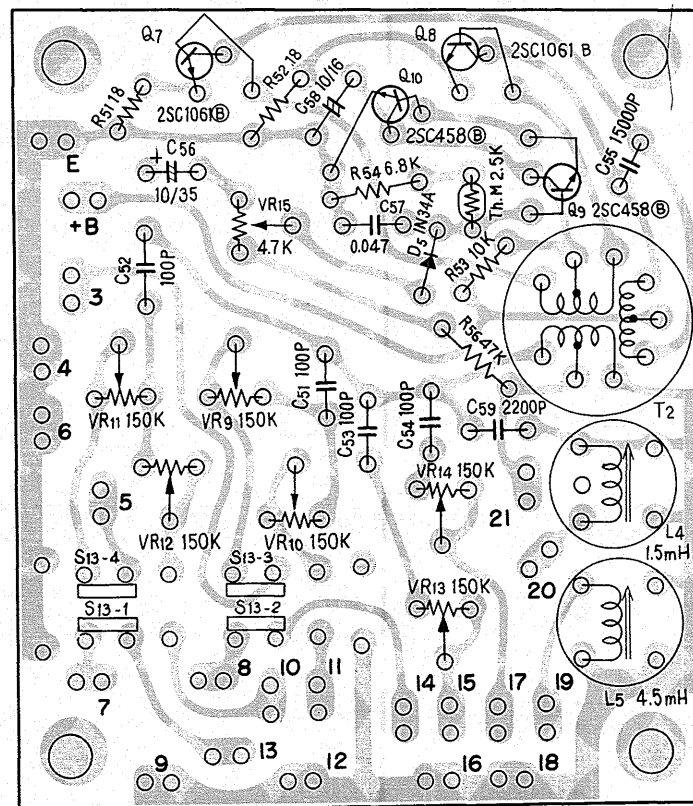
- A - A : JUMP WIRE
- B - B : JUMP WIRE
- C - C : JUMP WIRE
- D - D : JUMP WIRE
- Q101 ~ Q103 : 2SC458LG Ⓞ or Ⓞ
- Q104 ~ Q106 : 2SC458 Ⓞ or Ⓞ
- T101 : MATCHING TRANSFORMER
- L101 : TRAP COIL
- L102 : PEAKING COIL
- L103 : TRAP COIL
- S102 : REC-P.B. SELECTOR SW (P.B. POSITION)
- VR101 : FWD EQUALIZER
- VR106 : VU LEVEL
- VR107 : FWD REC LEVEL

Amp ass'y A RWF-003



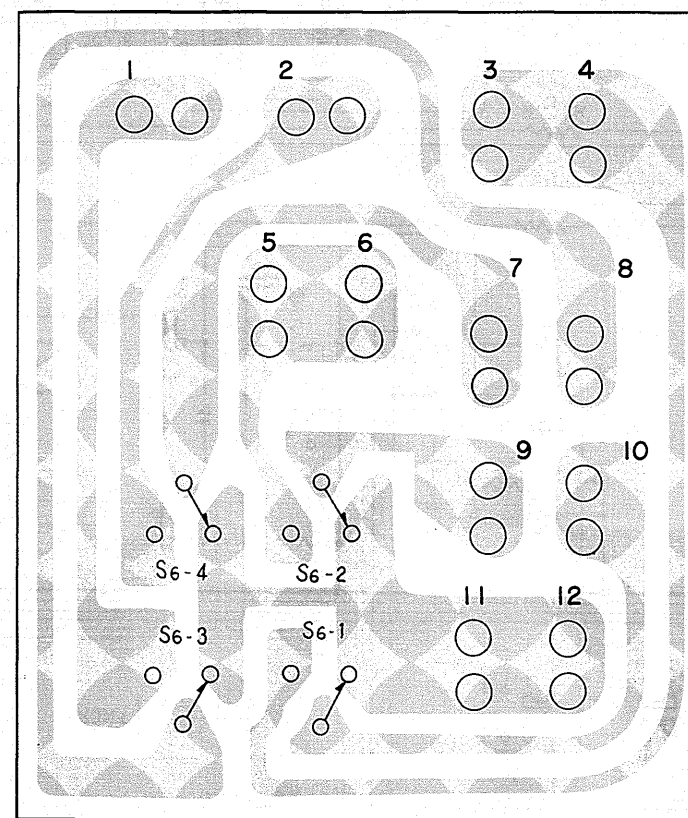
- Q1 ~ Q3 : 2SC458 LG Ⓞ or Ⓞ
- Q4 ~ Q6 : 2SC458 Ⓞ or Ⓞ
- S1 : FWD-REV SELECTOR SW (FWD POSITION)
- S2 : REC-P.B. SELECTOR SW (P.B. POSITION)
- L1 : TRAP COIL
- L2 : PEAKING COIL
- L3 : TRAP COIL
- T1 : MATCHING TRANSFORMER

OSC ass'y RWA-002



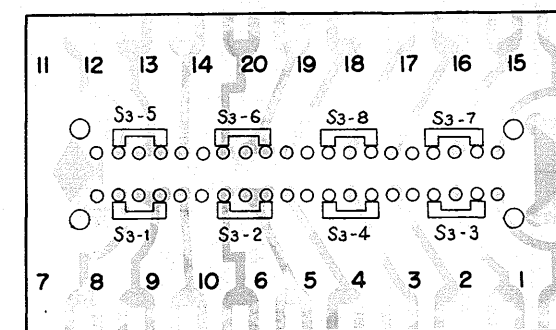
- VR9 : FWD LEFT BIAS ADJ
- VR10 : REV LEFT BIAS ADJ
- VR11 : FWD RIGHT BIAS ADJ
- VR12 : REV RIGHT BIAS ADJ
- VR13 : REAR LEFT BIAS ADJ
- VR14 : REAR RIGHT BIAS ADJ
- VR15 : OSC INTENSITY
- S13 : FWD-REV SELECTOR SW (FWD POSITION)
- T2 : OSC TRANSFORMER
- L4 : FRONT DUMMY COIL
- L5 : REAR DUMMY COIL

Muting switch ass'y RWX-003



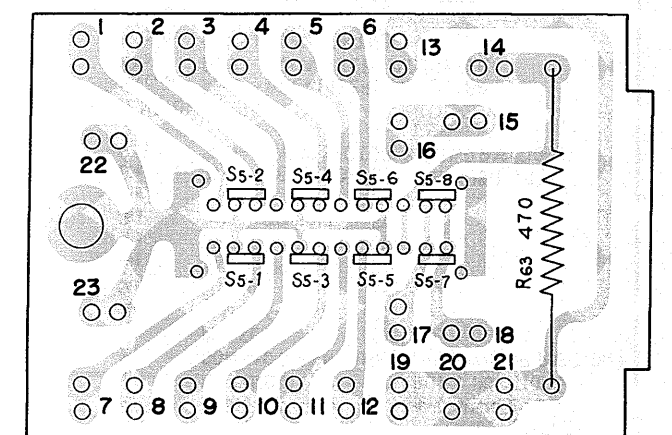
- S6 : MUTING SW (PLAY POSITION)

EQ switch ass'y RWX-008

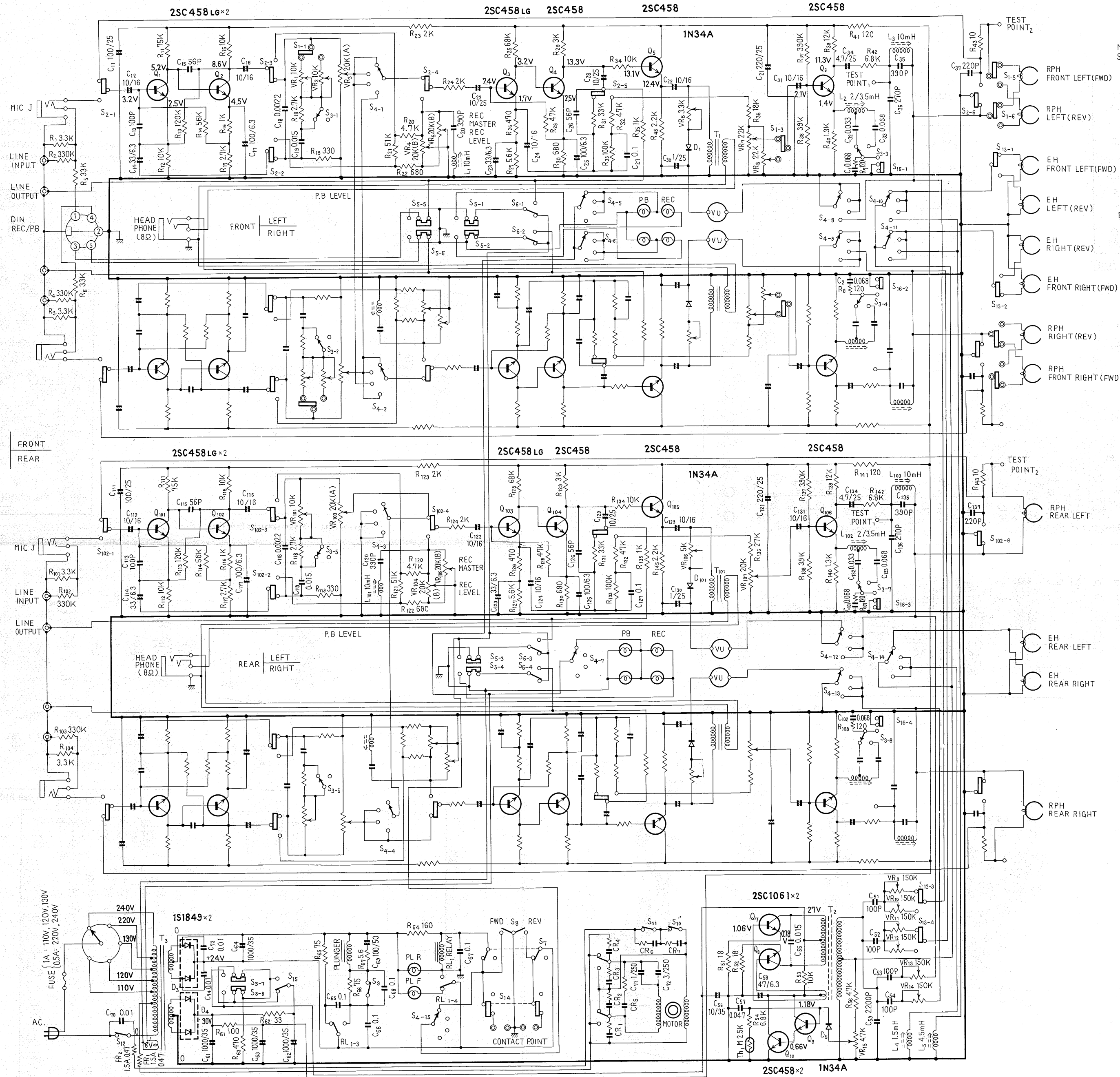


- S3 : EQUALIZER SELECTOR SW (7 1/2 ips POSITION)

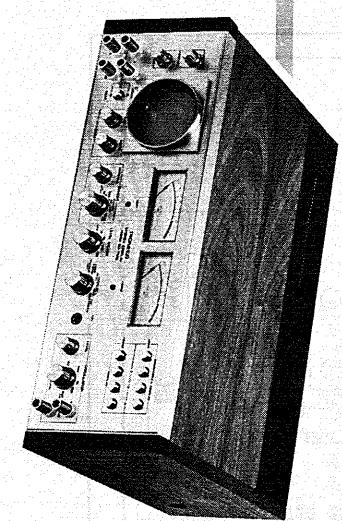
REC switch ass'y RWX-002



- S5 : REC-P.B. SELECTOR SW (REC POSITION)



- NOTES:**
SWITCHES
- S_{1,13} FWD-REV SELECTOR SW (FWD POSITION)
 - S_{2,5,10,12} REC - P.B. SELECTOR SW (P.B. POSITION)
 - S₃ EQUALIZER SELECTOR SW (18cm/s POSITION)
 - S₄ MODE SW (4-CHANNEL POSITION)
 - S₆ MUTING SW (PLAY POSITION)
 - S₇ CONTACT POINT OFF SW (PLAY/STOP POSITION)
 - S₈ PRESET SW
 - S₉ PLUNGER SW
 - S₁₀ MOTOR SW
 - S₁₁ SHUT OFF SW
 - S₁₂ POWER SW
 - S₁₃ AUTO REVERSE SW
 - S₁₄ OSC SW
 - S₁₅ TAPE SELECTOR SW (LH POSITION)
 - S₁₆ FWD-REV SELECTOR SW (FWD POSITION)
- POTENTIOMETERS**
- VR_{1,101} FWD - EQUALIZER ADJUSTER
 - VR₂ REV - EQUALIZER ADJUSTER
 - VR_{3,103} P.B. LEVEL CONTROL
 - VR_{4,104} REC LEVEL CONTROL
 - VR_{5,105} REC MASTER LEVEL CONTROL
 - VR_{6,106} VU LEVEL ADJUSTER
 - VR_{7,107} FWD-REC LEVEL ADJUSTER
 - VR₈ REV-REC LEVEL ADJUSTER
 - VR₉ FWD LEFT BIAS ADJUSTER
 - VR₁₀ REV LEFT BIAS ADJUSTER
 - VR₁₁ FWD RIGHT BIAS ADJUSTER
 - VR₁₂ REV RIGHT BIAS ADJUSTER
 - VR₁₃ REAR LEFT BIAS ADJUSTER
 - VR₁₄ REAR RIGHT BIAS ADJUSTER
 - VR₁₅ OSC INTENSITY ADJUSTER

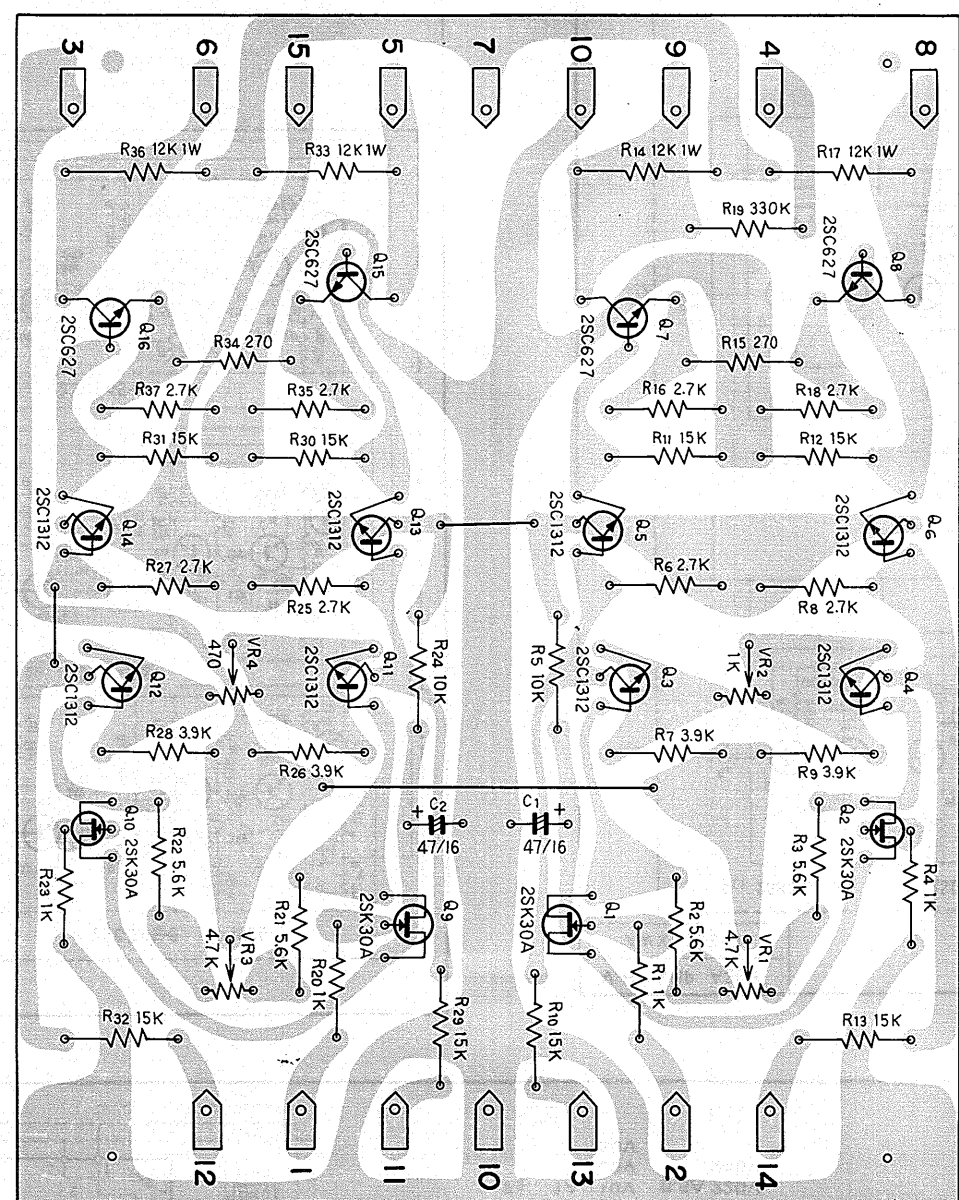


STEREO DISPLAY

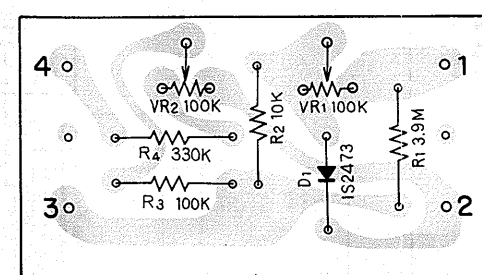
SD-100

FW

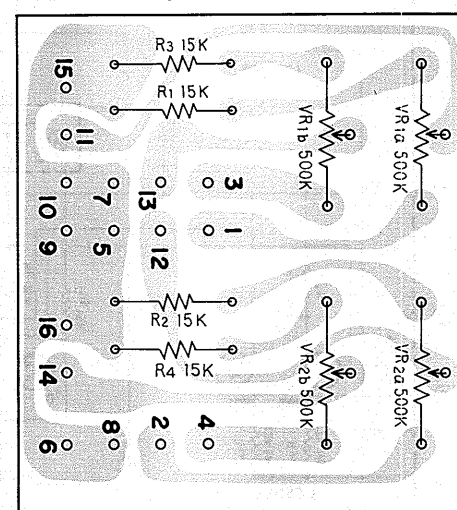
V. H amp ass'y AWX-032



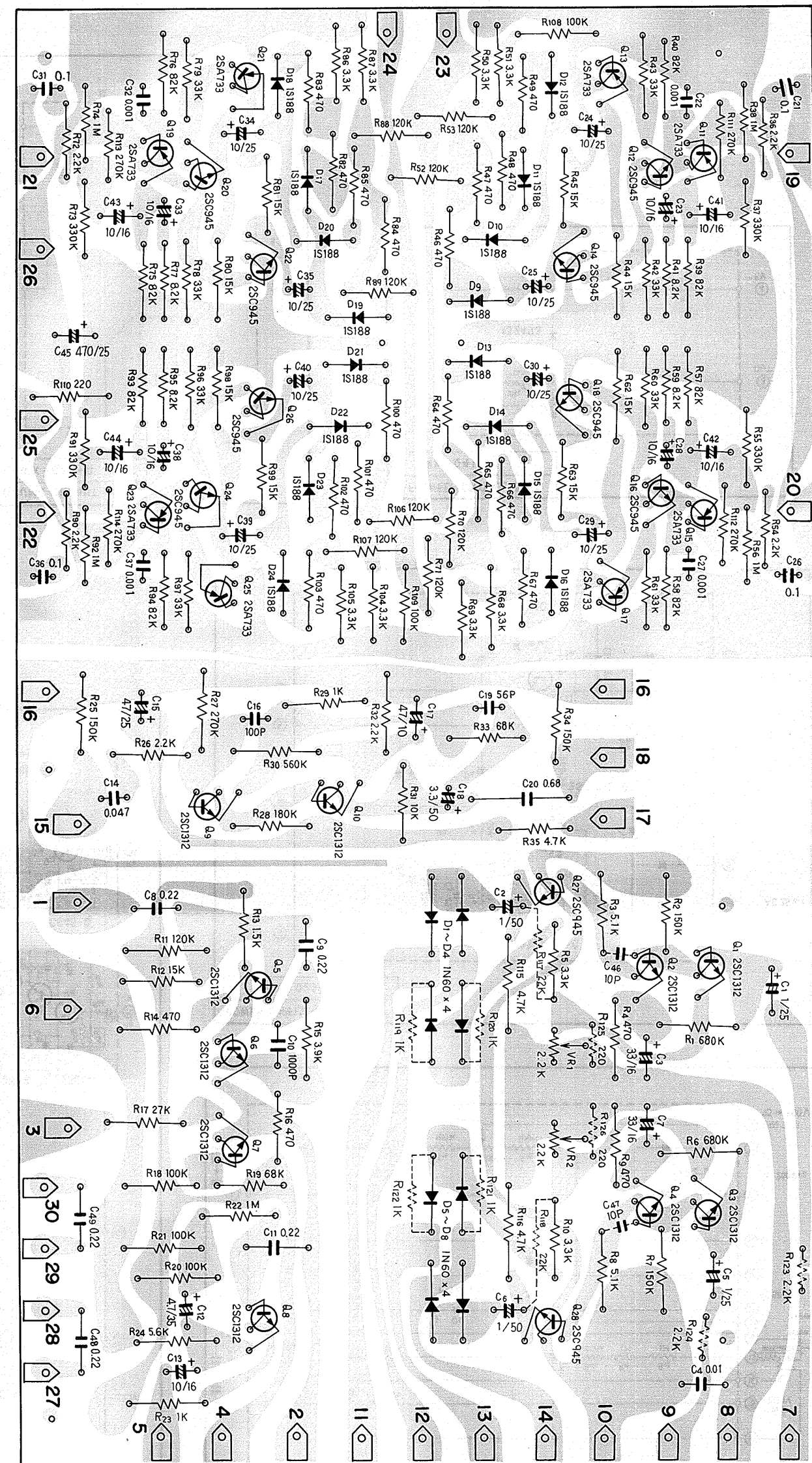
AF sweep ass'y AWX-041



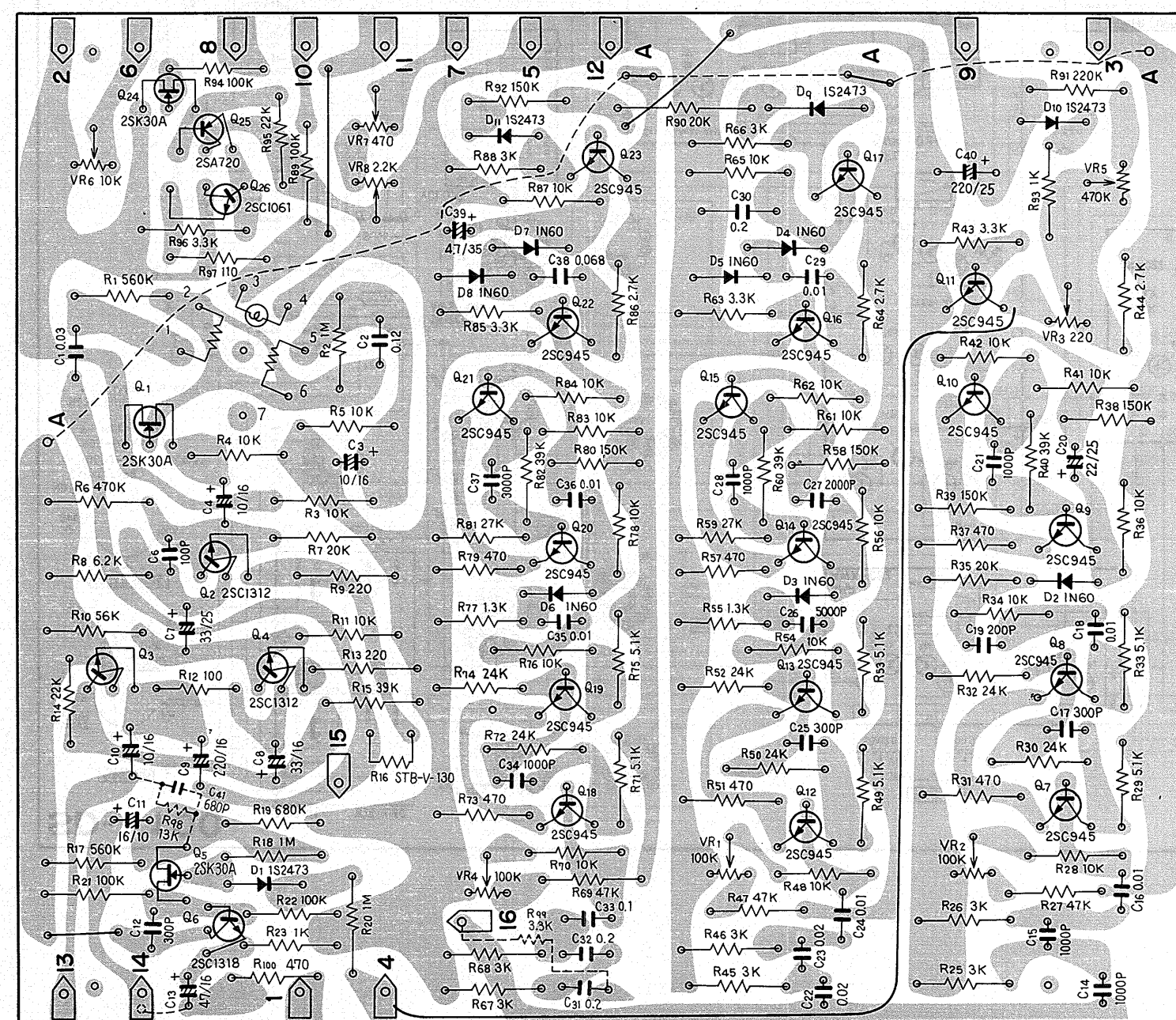
Volume ass'y AWX-030



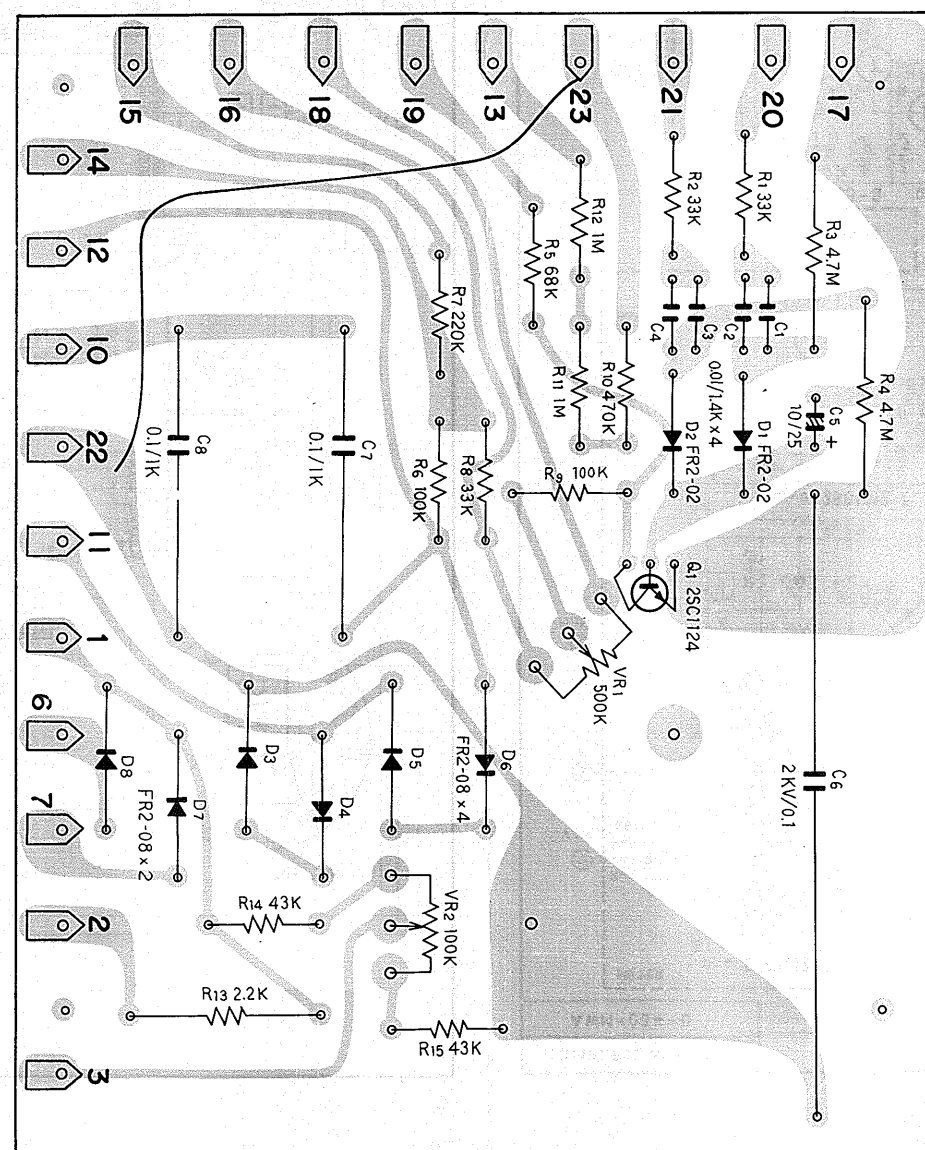
Complex ass'y AWM-034



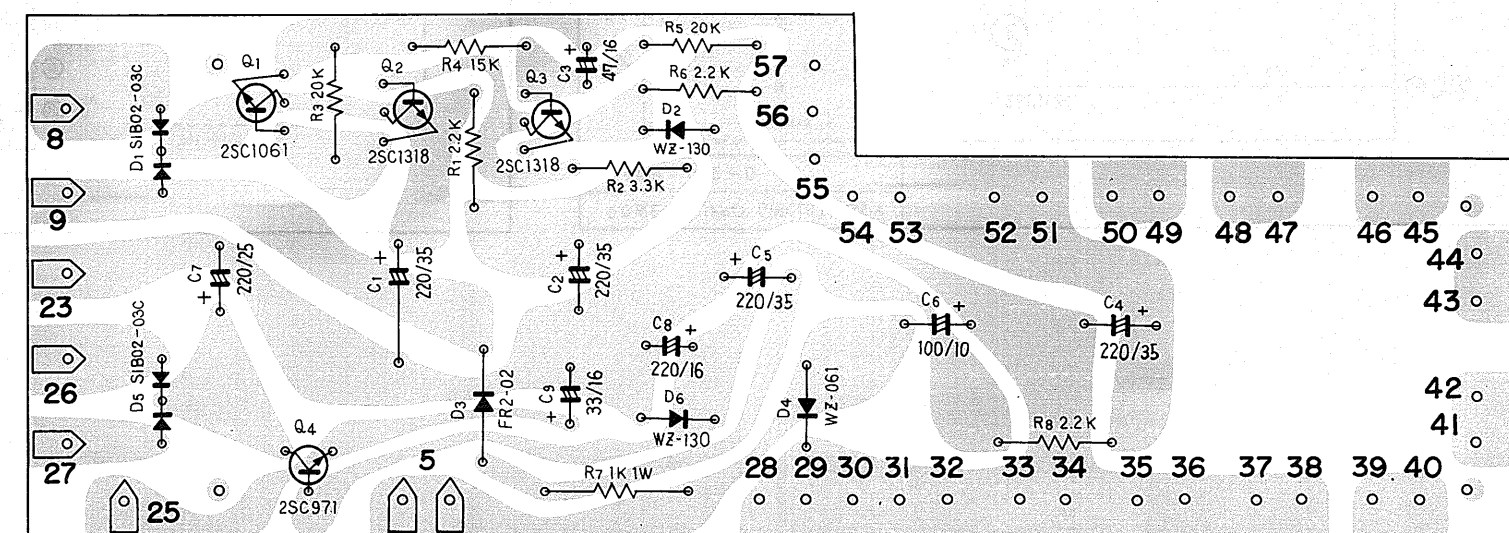
AF amp ass'y AWX-033

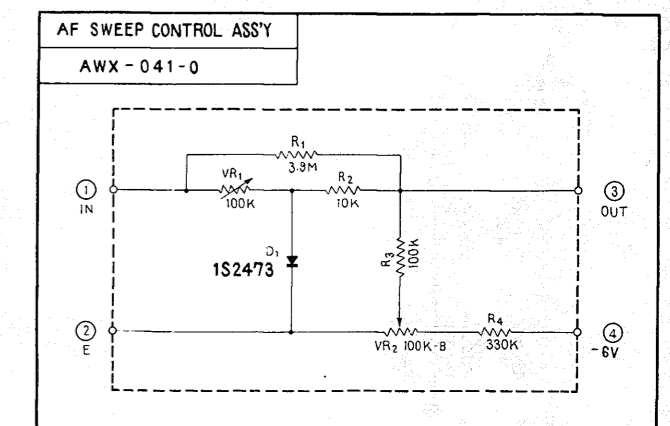
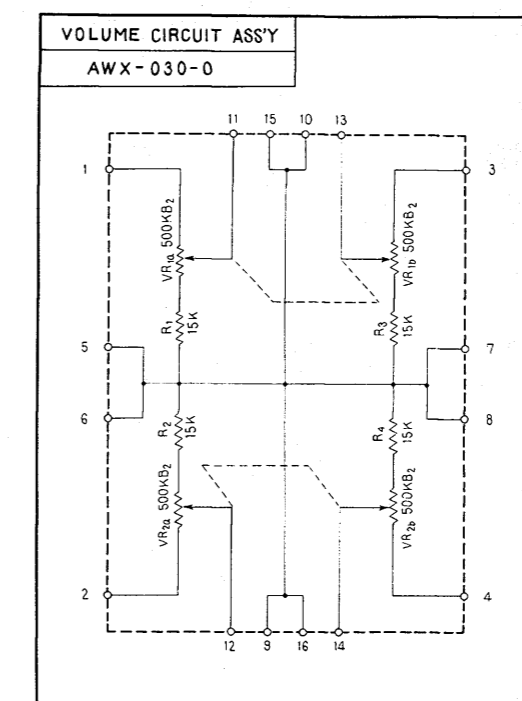
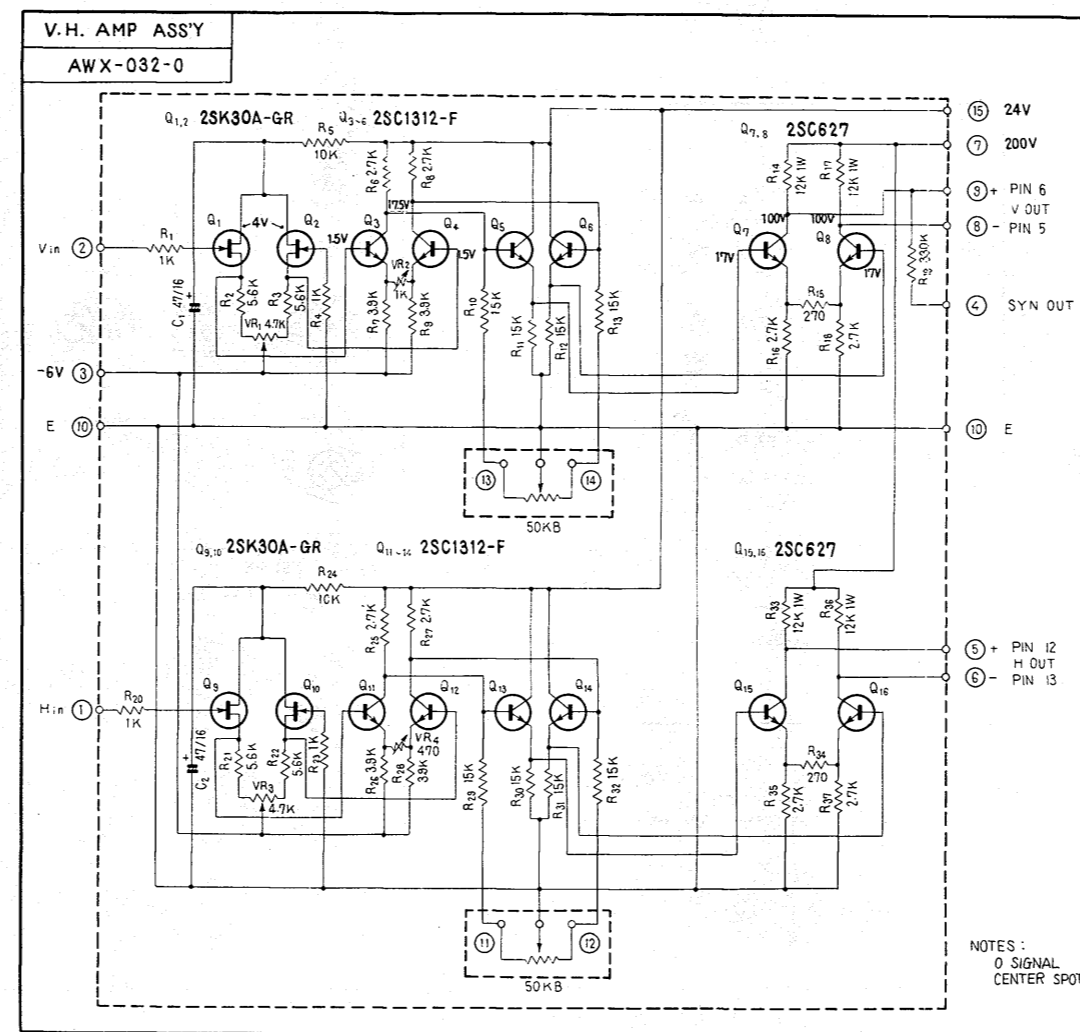
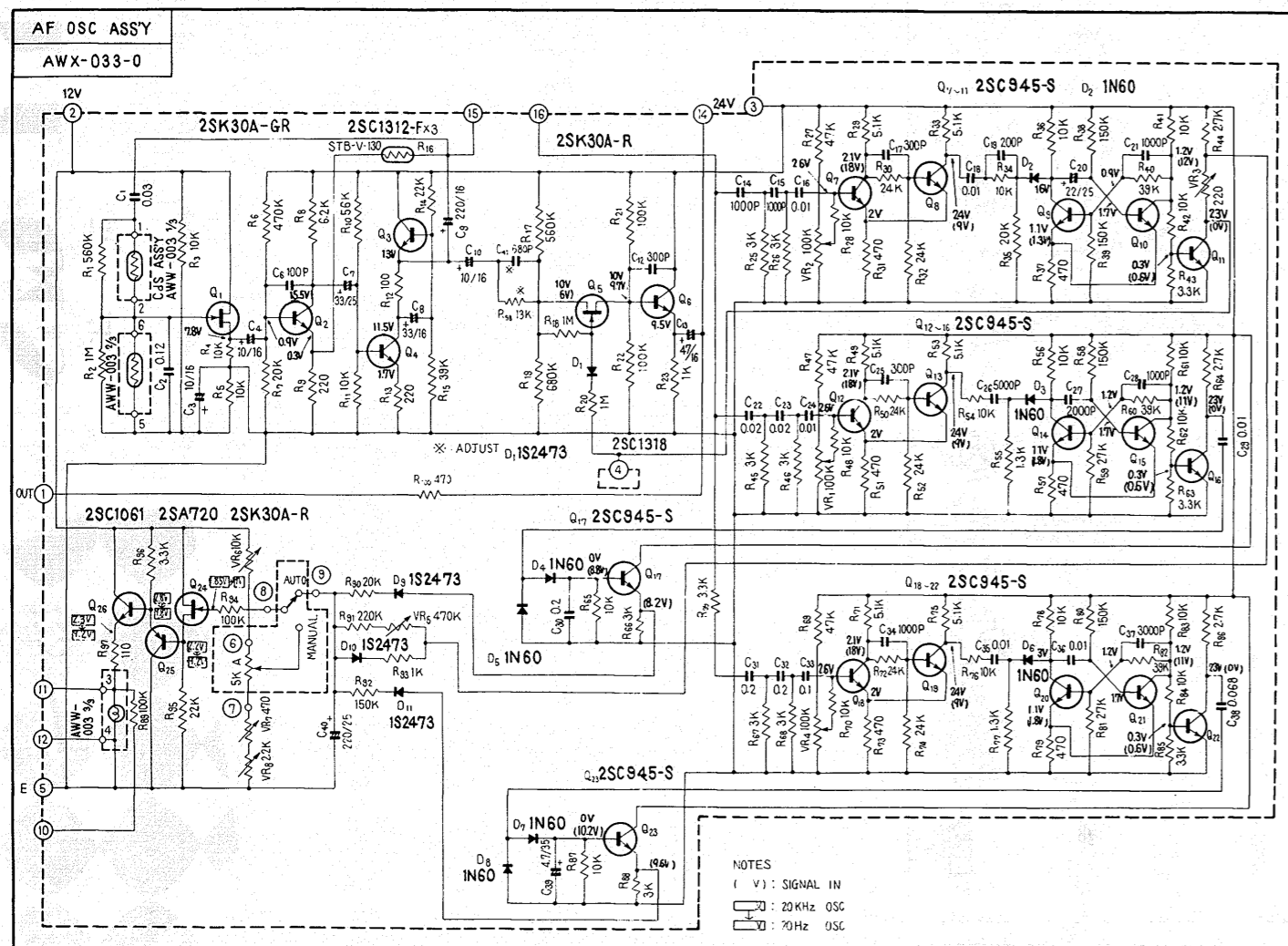
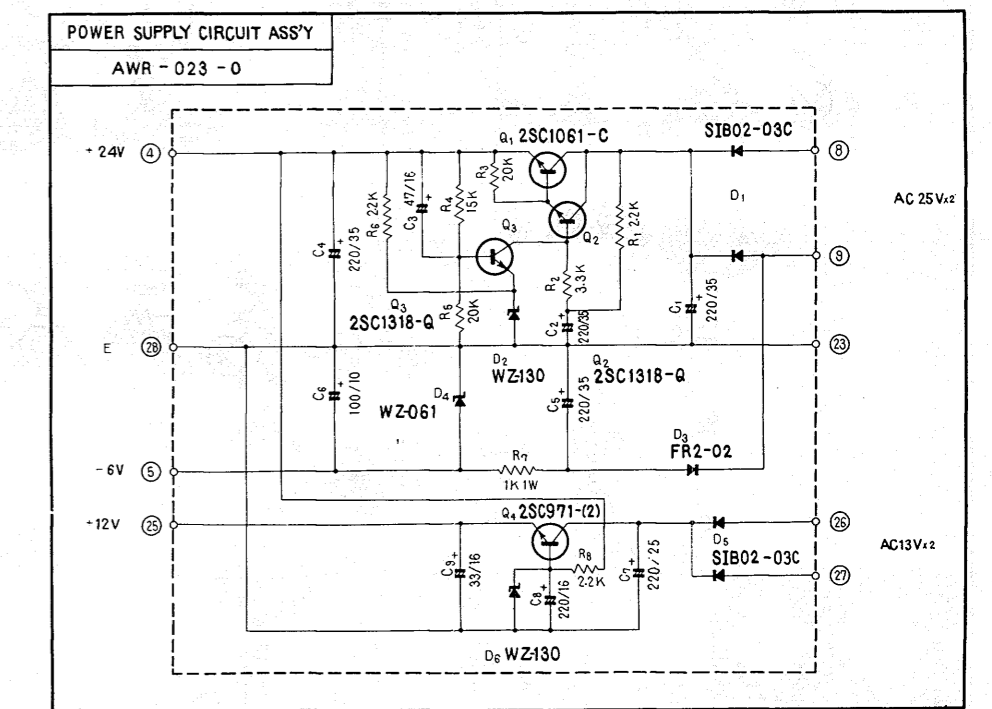
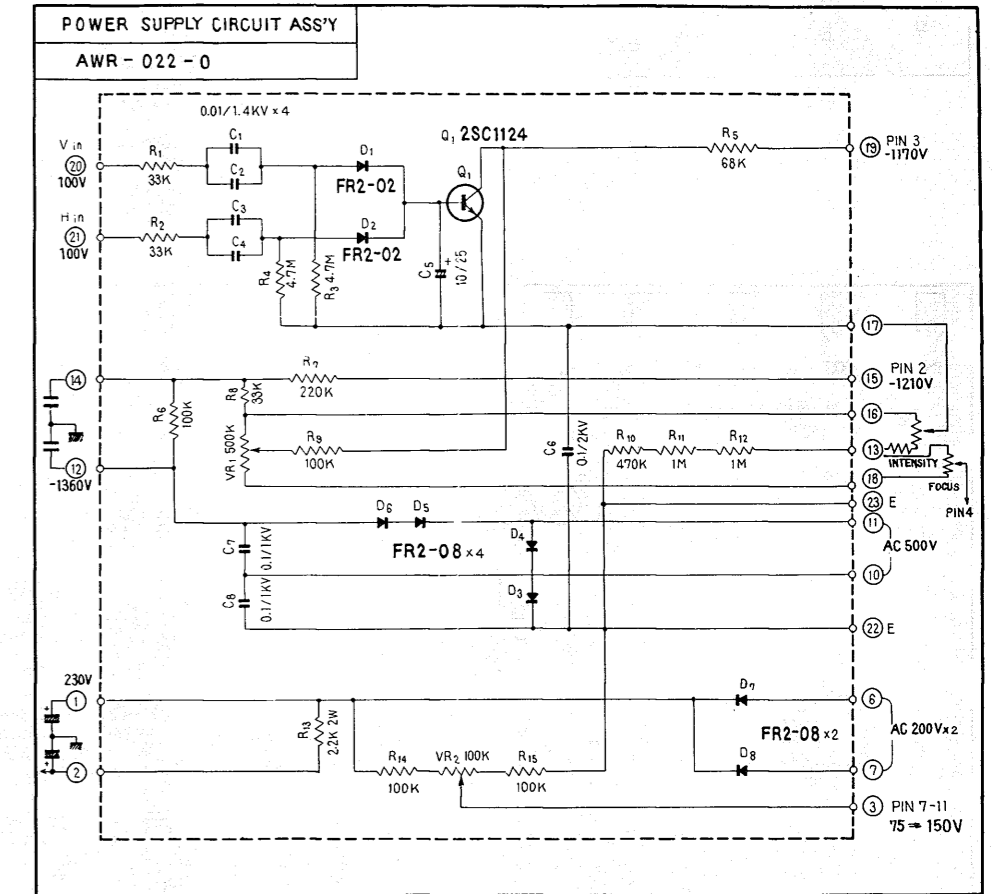
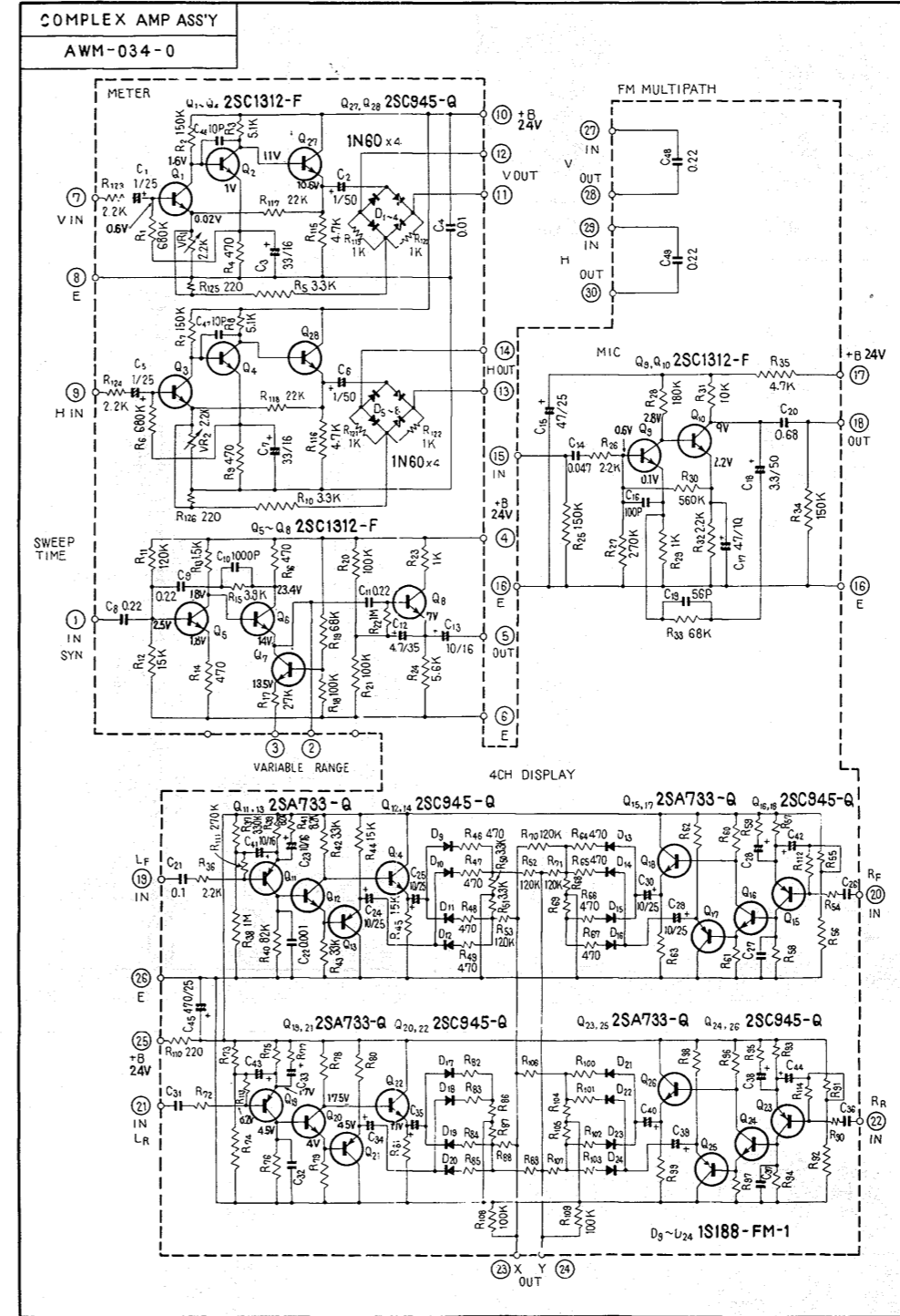
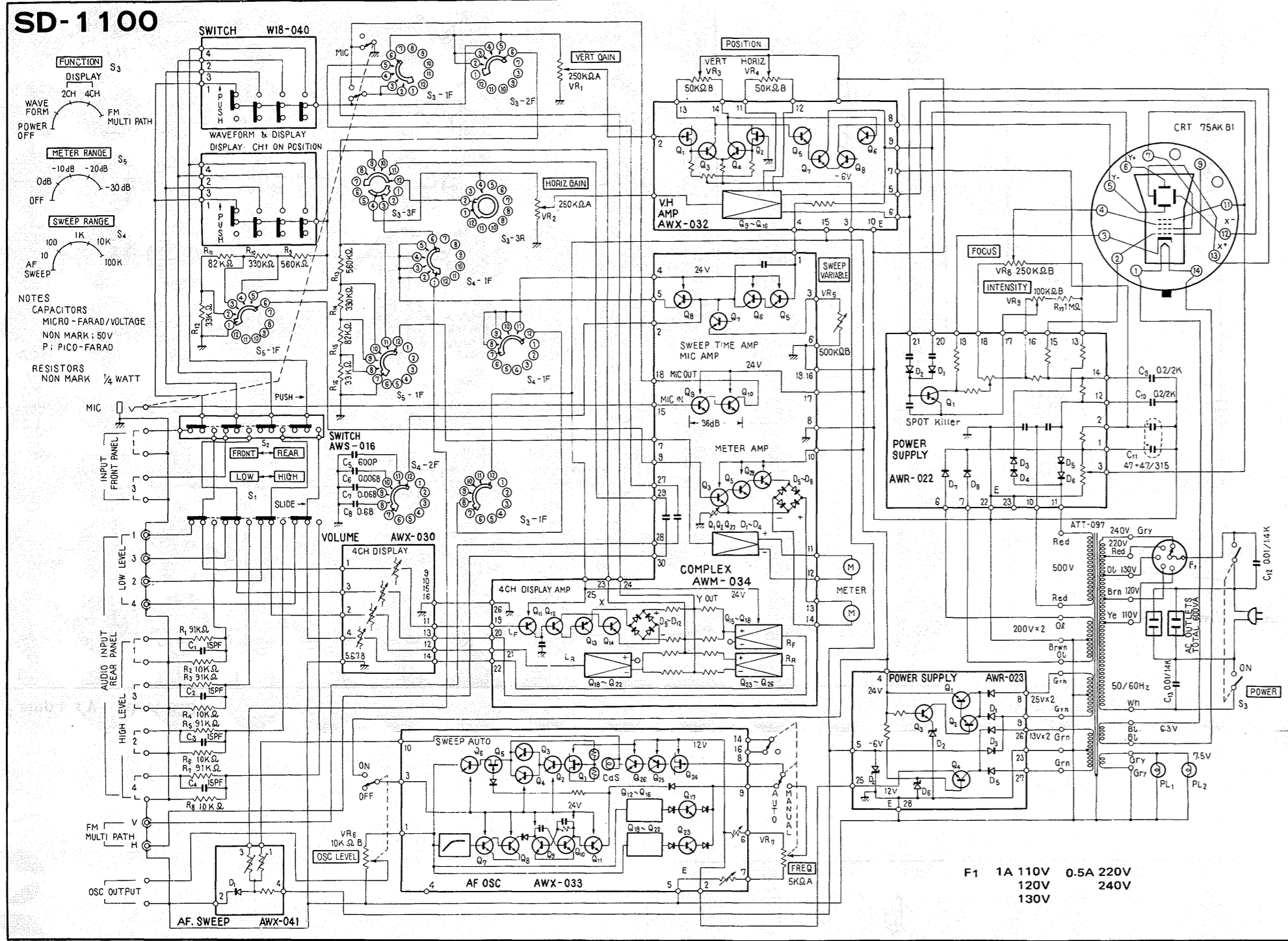


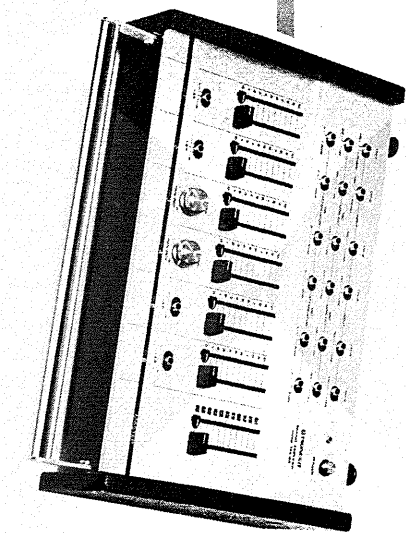
High voltage power supply ass'y AWR-022



Low voltage power supply ass'y AWR-023





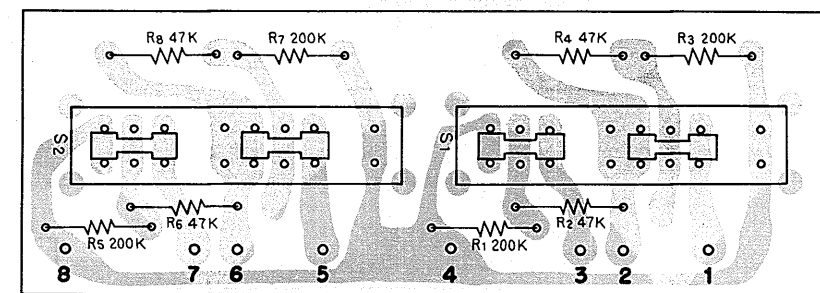


MIXING AMPLIFIER MA-62

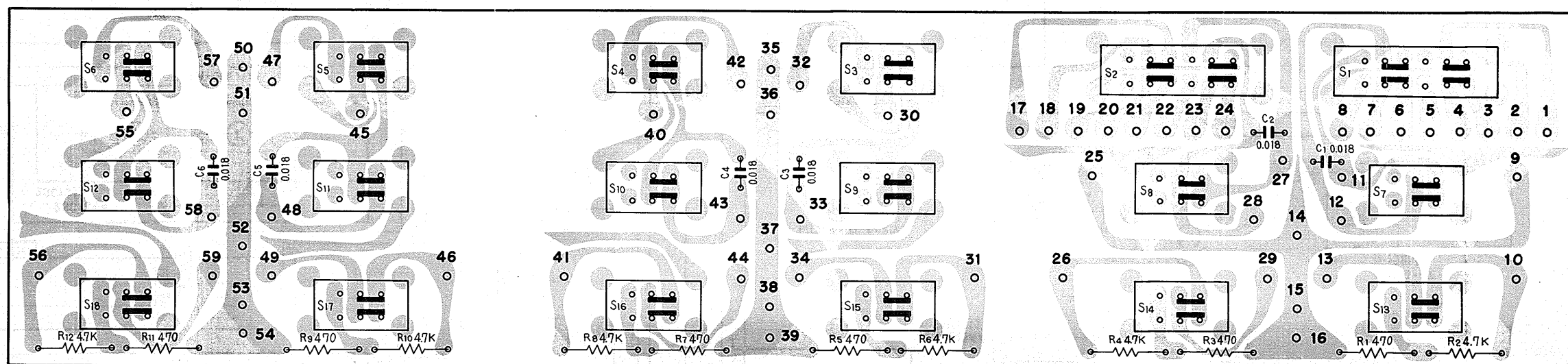
KL FV

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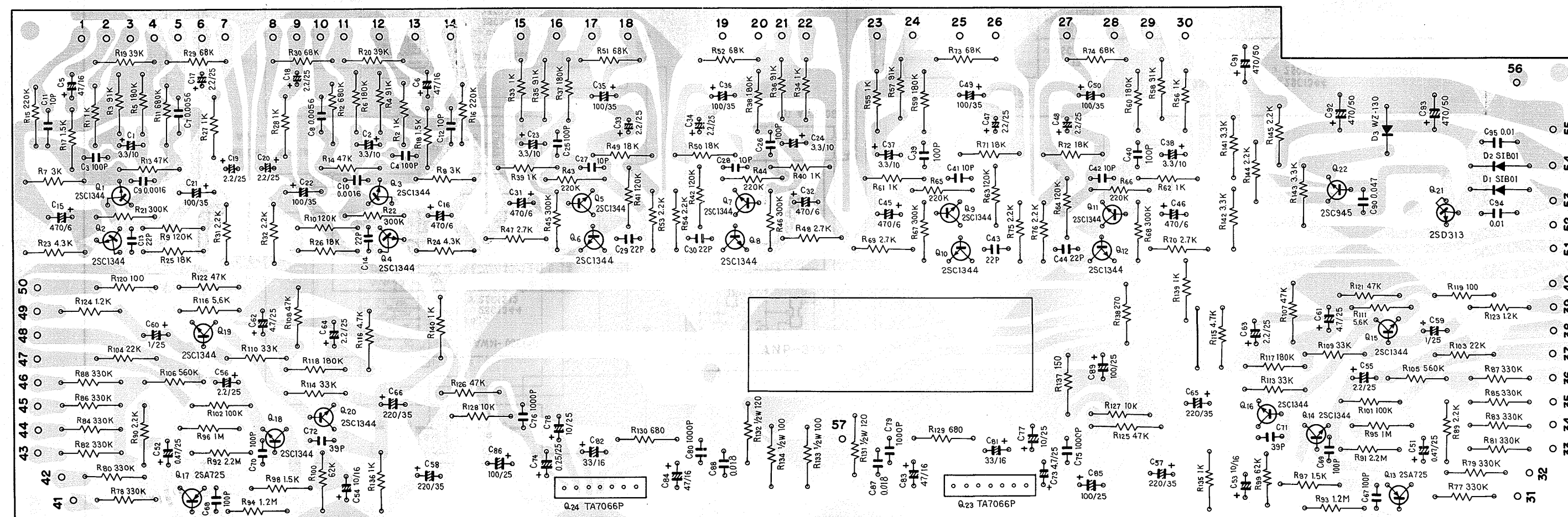
Switch ass'y B AWS-061



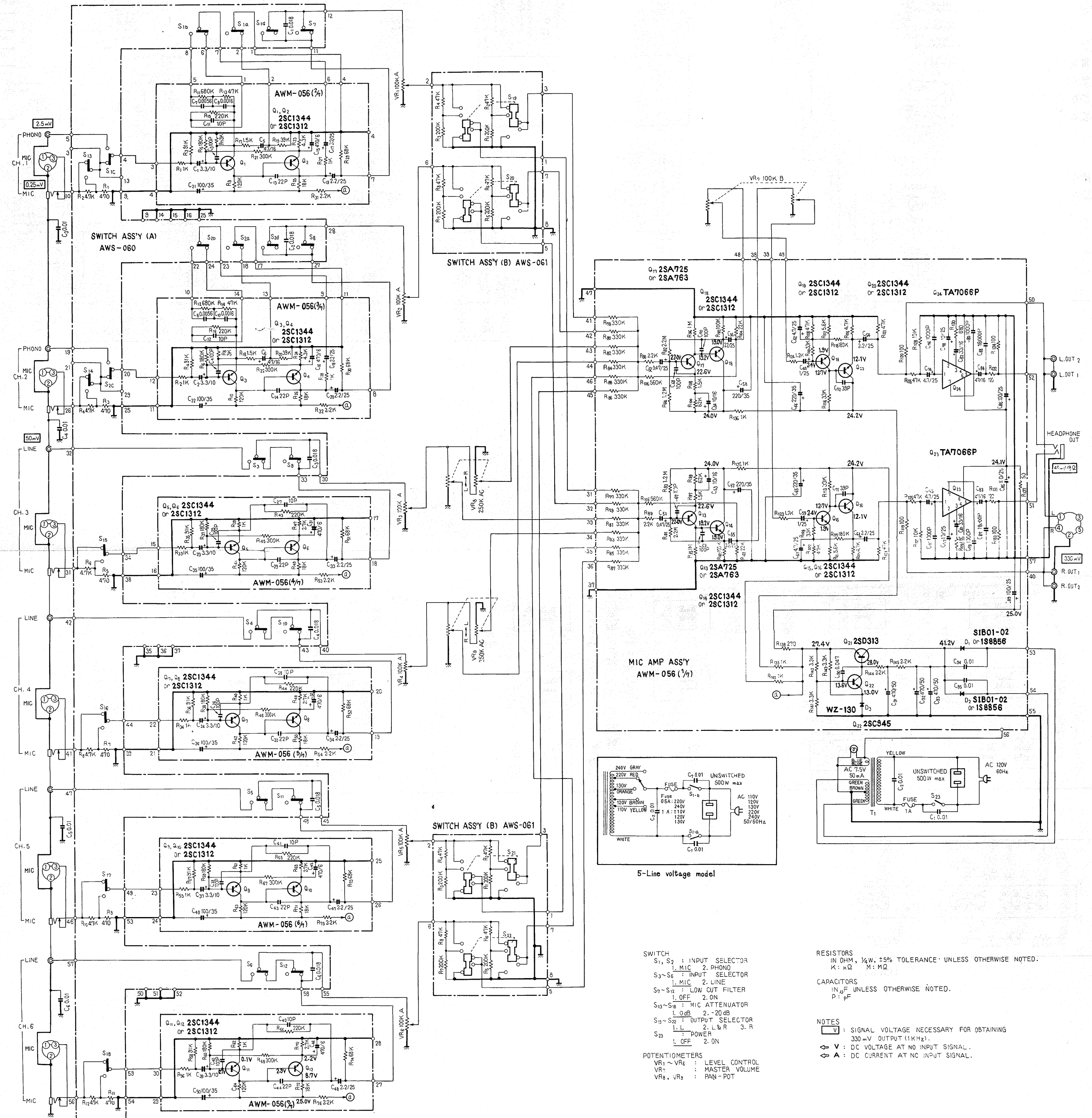
Switch ass'y A AWS-060



MIC amp ass'y AWM-056



MA-62



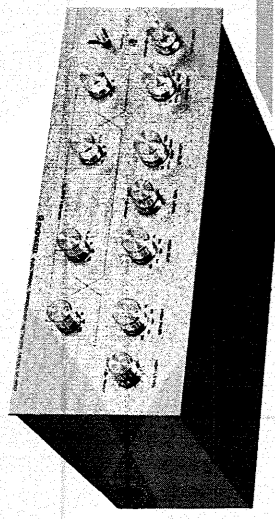
SWITCH
 S1, S2 : INPUT SELECTOR
 S3-S6 : MIC 2. PHONO INPUT SELECTOR
 S7-S12 : MIC 2. LINE INPUT SELECTOR
 S7-S12 : LOW CUT FILTER
 S13-S14 : MIC ATTENUATOR
 S15-S16 : OUTPUT SELECTOR
 S17 : POWER
 S18 : OFF

POTENTIOMETERS
 VR1 ~ VR6 : LEVEL CONTROL
 VR7 : MASTER VOLUME
 VR8, VR9 : PAN-POT

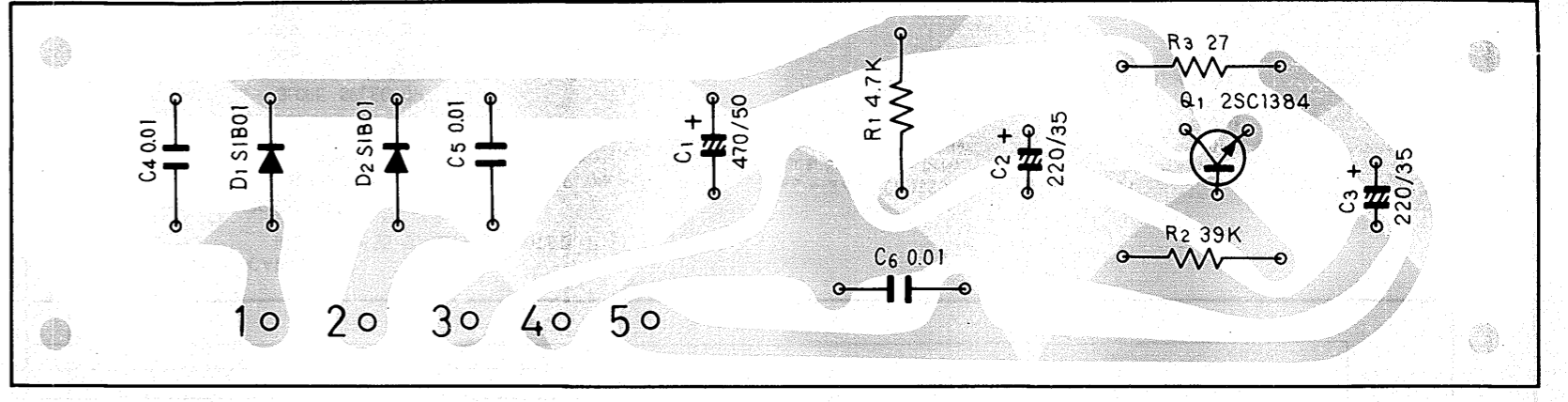
RESISTORS
 IN OHM, 1/4W, 5% TOLERANCE UNLESS OTHERWISE NOTED.
 K : KΩ M : MΩ

CAPACITORS
 IN μF UNLESS OTHERWISE NOTED.
 P : pF

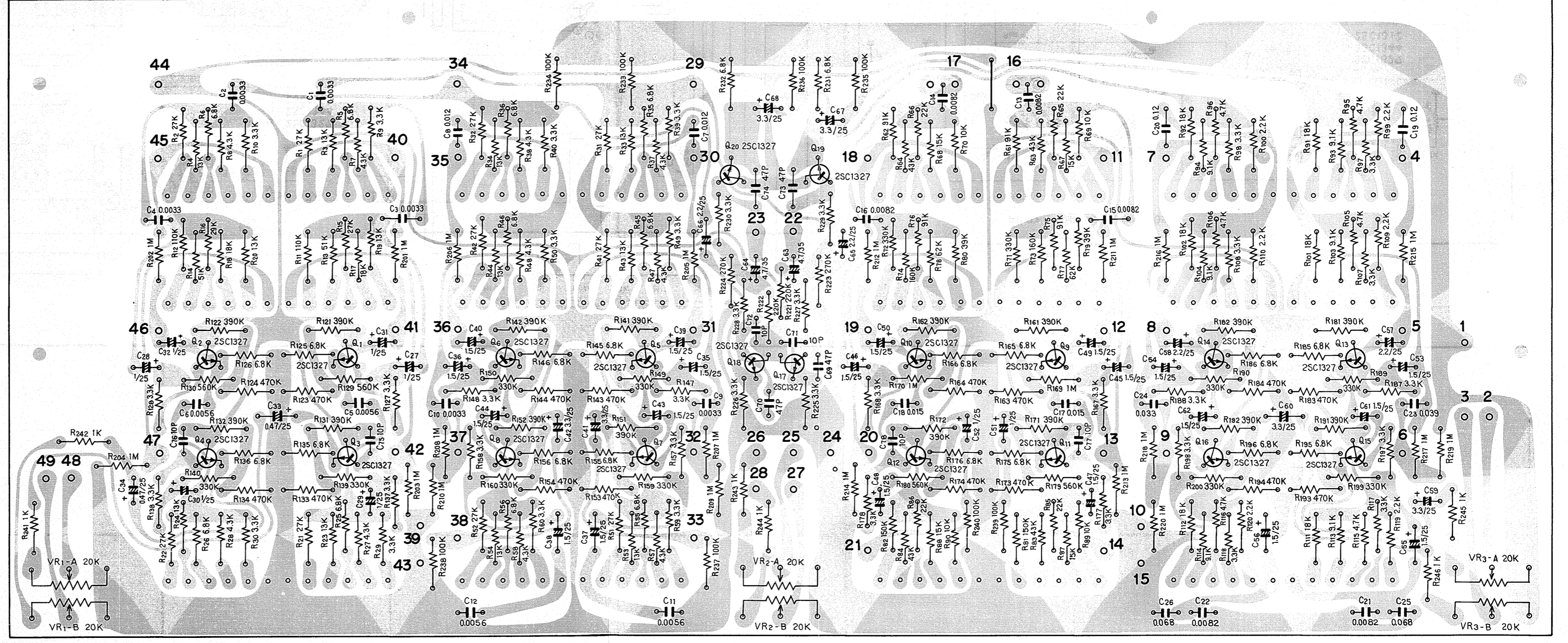
NOTES
 [V] : SIGNAL VOLTAGE NECESSARY FOR OBTAINING 300-mV OUTPUT (1KHz).
 [V] : DC VOLTAGE AT NO INPUT SIGNAL.
 [A] : DC CURRENT AT NO INPUT SIGNAL.



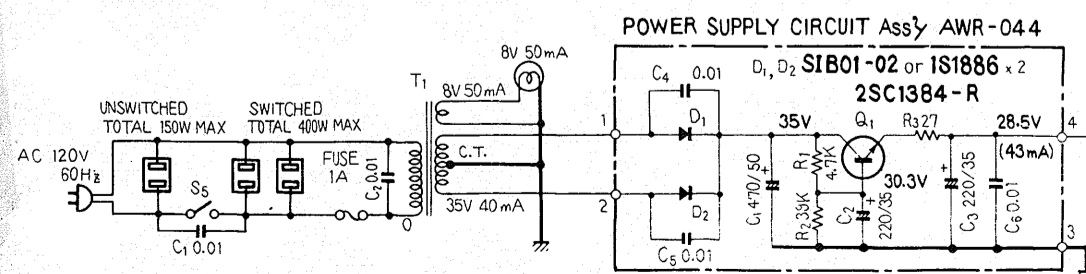
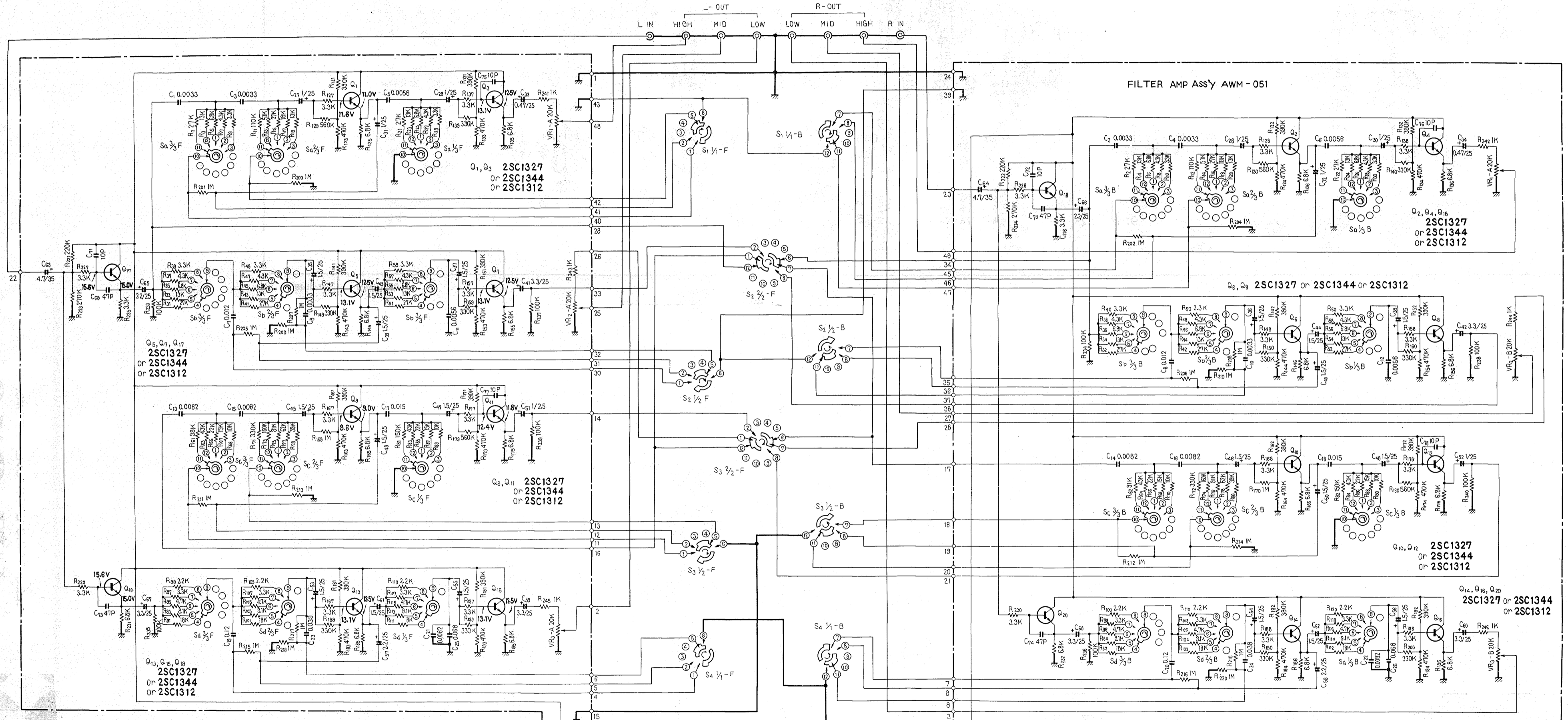
Power supply ass'y AWR-044



Filter amp ass'y AWM-051



SF-850



NOTES : CAPACITORS
 IN μ F UNLESS OTHERWISE NOTED. P: pF

RESISTORS
 IN OHM, 1/4W, $\pm 5\%$ TOLERANCE UNLESS
 OTHERWISE NOTED. K: k Ω , M: M Ω

SWITCHES
 S1 ~ S4 SLOPE SELECTOR
 S1 & S4 1. 6dB/Oct
 2. 12dB/Oct
 3. 18dB/Oct
 S2 & S3 1. FLAT
 2. 6dB/Oct
 3. 12dB/Oct
 4. 18dB/Oct
 S5 POWER SW
 OFF \rightarrow ON

CROSSOVER FREQ SELECTOR
 S a & S b 1. Fc = 1KHz
 2. Fc = 2KHz
 3. Fc = 4KHz
 4. Fc = 6KHz
 5. Fc = 8KHz
 S c & S d 1. Fc = 125Hz
 2. Fc = 250Hz
 3. Fc = 500Hz
 4. Fc = 700Hz
 5. Fc = 1KHz

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