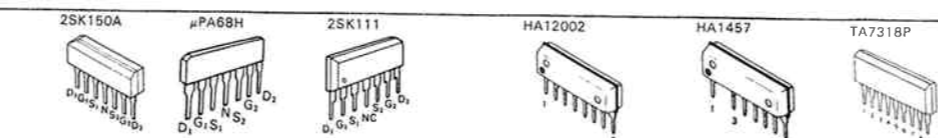


- Q11~16, 21~24 : 2SA733A (R,Q)
- Q17~20, 25, 26 : 2SC945 (R,Q)
- Q27, 28 : 2SA1023 (R,Q)
- Q29, 30 : 2SC237B (R,Q)
- Q31, 32, 35~37 : 2SC2003 (M,L)
- Q33, 34, 38 : 2SA954 (M,L)
- Q39 : 2SD313 V-AL
- Q40 : 2SB507 V-AL
- Q41, 42 : 2SK111 (F,G)

- D5~12 : 1S2076
- D15, 16 : WZ-061
- D17, 18 : WZ-157

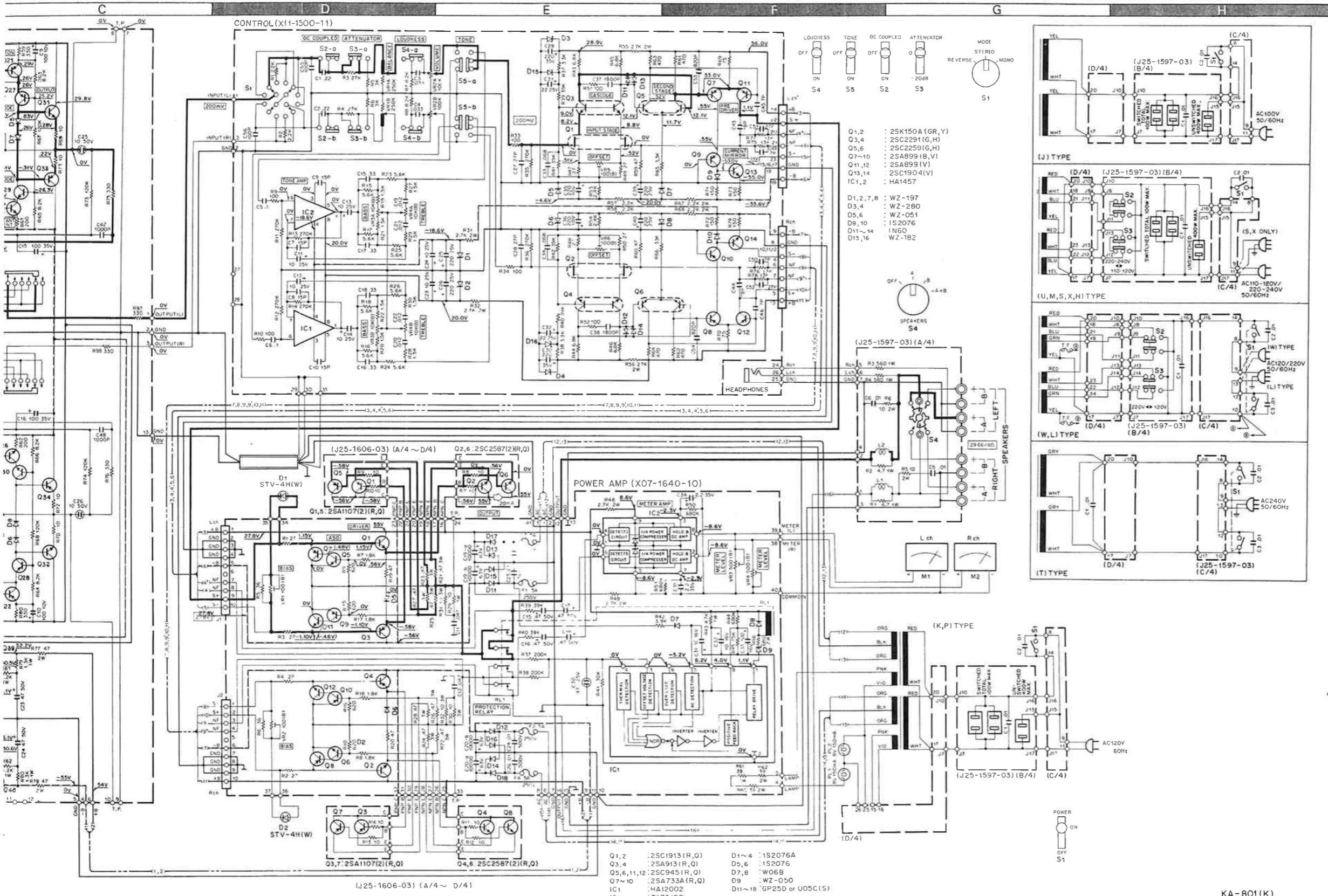
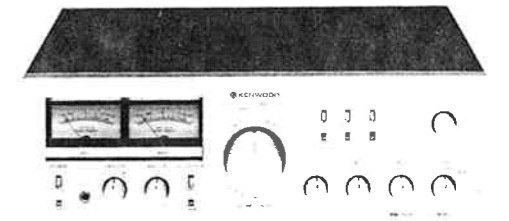


- Q1, 2 : 2SC1913 (R,Q)
- Q3, 4 : 2SA913 (R,Q)
- Q5, 6, 11, 12 : 2SC945 (R,Q)
- Q7~10 : 2SA733A (R,Q)
- IC1 : HA12002
- IC2 : TA7318P
- D1~4 : 1S2076A
- D5, 6 : 1S2076
- D7, 8 : W06B
- D9 : WZ-050
- D11~18 : GP250 or U05C(S)

DC voltage  
nal.

# HIGH SPEED DC INTEGRATED AMPLIFIER

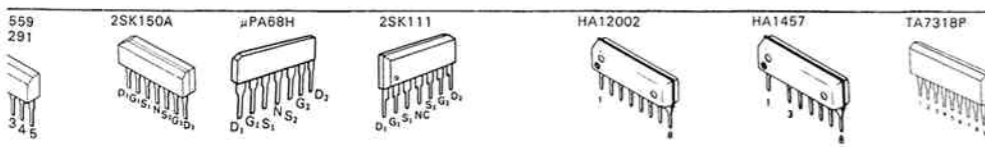
# (KA-8011) KA-801



### SPECIFICATIONS

- Power Output**  
 110 watts\* per channel minimum RMS, both channels driven, at 8Ω from 20 Hz to 20,000 Hz with no more than 0.015% total harmonic distortion.
- Both Channels Driven** ..... 115 + 115 watts 8Ω at 1,000 Hz  
 130 + 130 watts 4Ω at 1,000 Hz
- Total Harmonic Distortion (20 Hz to 20,000 Hz):**  
 AUX Input to  
**SPEAKER Output** ..... 0.015% at rated power into 8Ω  
 0.008% at 1/2 rated power into 8Ω
- PHONO Input to**  
**SPEAKER Output** ..... 0.015% at rated power with VOLUME -20 dB
- Intermodulation Distortion** .. 0.003% at rated power into 8Ω  
 (60 Hz: 7 kHz = 4 : 1)
- Damping Factor** ..... 100, DC ~ 20,000 Hz into 8Ω
- Transient Response:**  
 Rise Time ..... 0.8 μs  
 Slew Rate ..... ±150 V/μs
- Power Bandwidth** ..... 5 Hz to 70,000 Hz at 0.03% T.H.D.
- Frequency Response:**  
 (DC COUPLED at ON) ..... DC to 400 kHz, -3 dB  
 (DC COUPLED at OFF) ..... 18 Hz to 400 kHz, -3 dB
- Speaker Impedance** ..... Accept 4Ω to 16Ω
- Input Sensitivity/Impedance:**  
 Phono ..... 2.5 mV/50kΩ  
 Tuner ..... 200 mV/50kΩ  
 AUX ..... 200 mV/50kΩ  
 Tape A, B ..... 200 mV/50kΩ
- Signal to Noise Ratio (IHF, A):**  
 Phono ..... 90 dB for 2.5 mV input  
 96 dB for 5.0 mV input  
 102 dB for 10 mV input
- Tuner, AUX, Tape A, B** ..... 105 dB for 200 mV input  
 230 mV (RMS), T.H.D. 0.015% at 1,000 Hz
- Output Level/Impedance:**  
 Tape REC (Pin) ..... 200 mV/330Ω  
 (DIN) ..... 300 mV/80kΩ
- Frequency Response for Phono** ..... RIAA standard curve ±0.2 dB (20 Hz to 20,000 Hz)
- Tone Control:**  
 Bass ..... ±7.5 dB at 100 Hz  
 Treble ..... ±7.5 dB at 10,000 Hz
- Loudness Control** ..... +9 dB at 100 Hz (at -30 dB VOLUME Level)
- GENERAL**  
**Power Consumption** ..... 710 watts at full power  
**AC Outlet** ..... Switched 2. Unswitched 1  
**Dimensions** ..... W 440 mm (17-10/32")  
 H 153 mm (6-6/32")  
 D . 407 mm (16-6/32")
- Weight (Net)** ..... 17.5 kg (38.6 lbs.)

\* Measured pursuant to Federal Trade Commission's Trade Regulation rule on Power Output Claims for Amplifier in U.S.A.  
 Note: Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

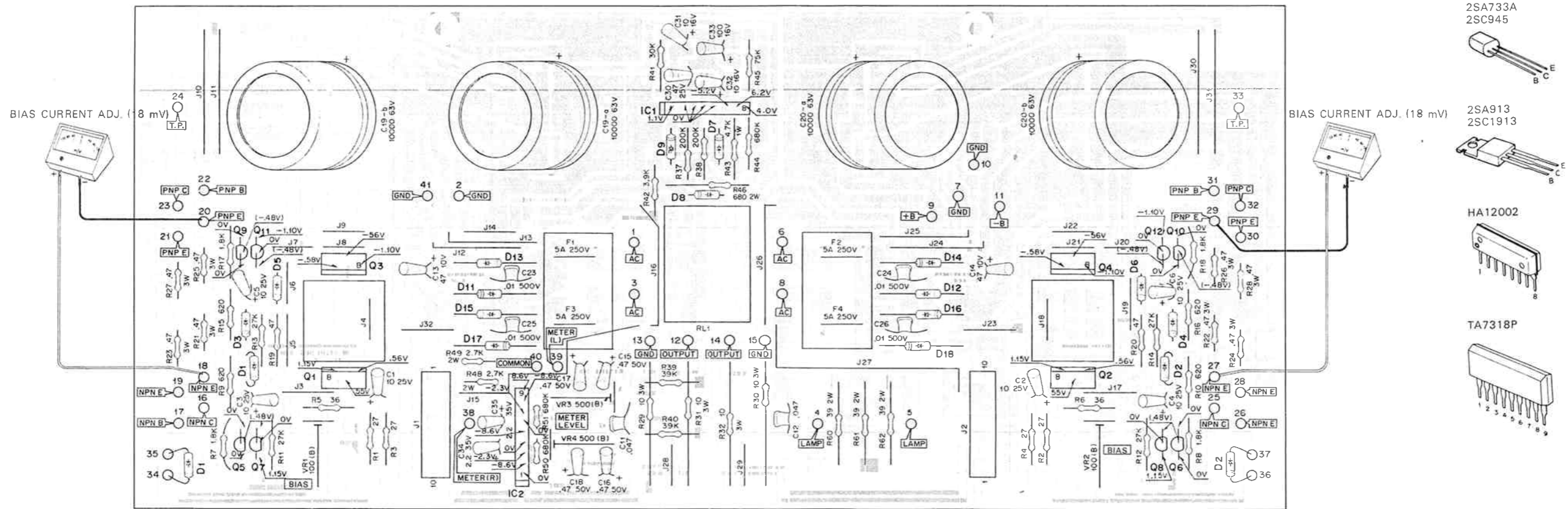


DC voltage measured with 20 kΩ/V VOM under no signal.

KA-801 (K)

PC BOARD/SEMICONDUCTOR SUBSTITUTIONS

Power Amp. (X07-1640-10) (Component Side)

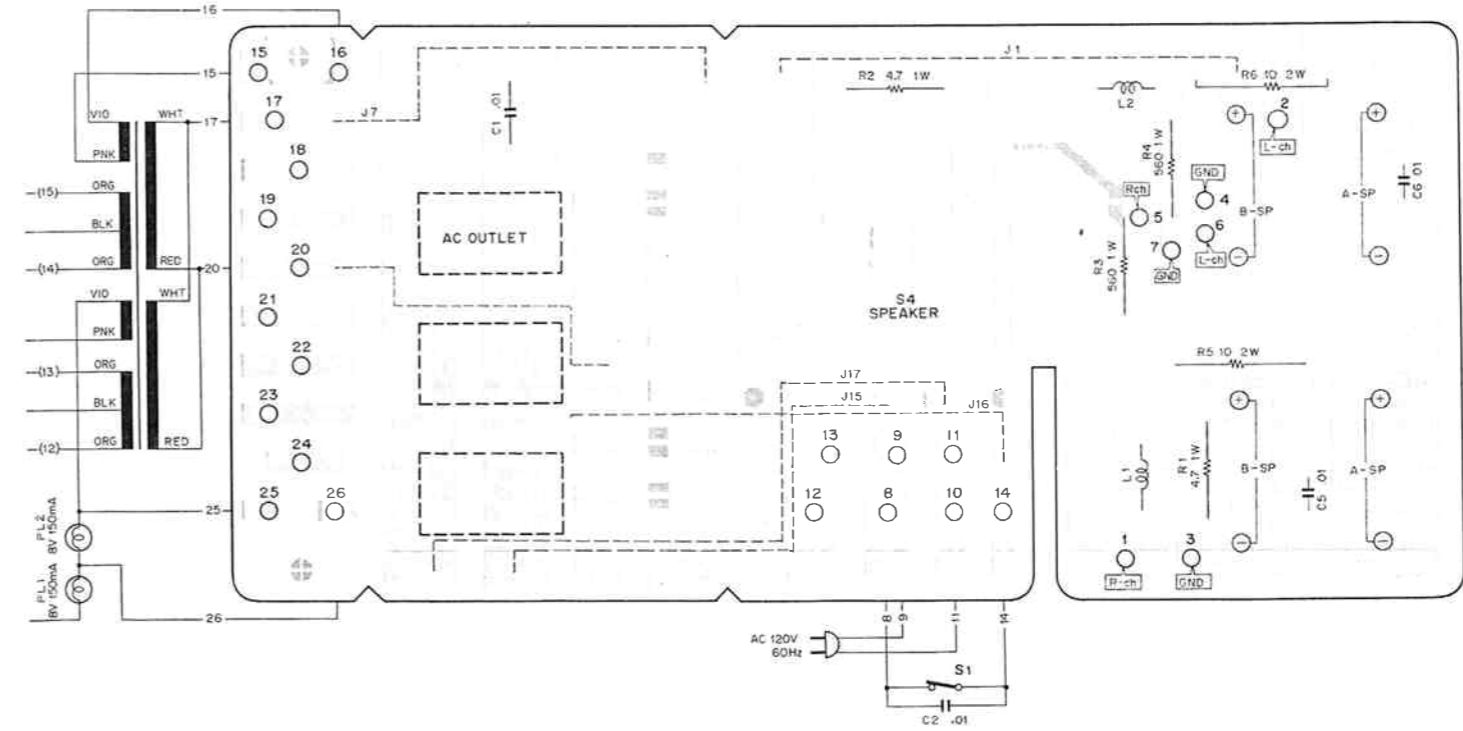


- 2SA733A
- 2SC945
- 2SA913
- 2SC1913
- HA12002
- TA7318P

- Q1, 2 : 2SC1913 (R, Q)
- Q3, 4 : 2SA913 (R, Q)
- Q5, 6, 11, 12: 2SC945 (R, Q)
- Q7~10 : 2SA733A (R, Q)
- IC1 : HA12002
- IC2 : TA7318P
- D1~4 : 1S2076A
- D5, 6 : 1S2076
- D7, 8 : W06B
- D9 : WZ-050
- D11~18 : GP25D or U05C(S)

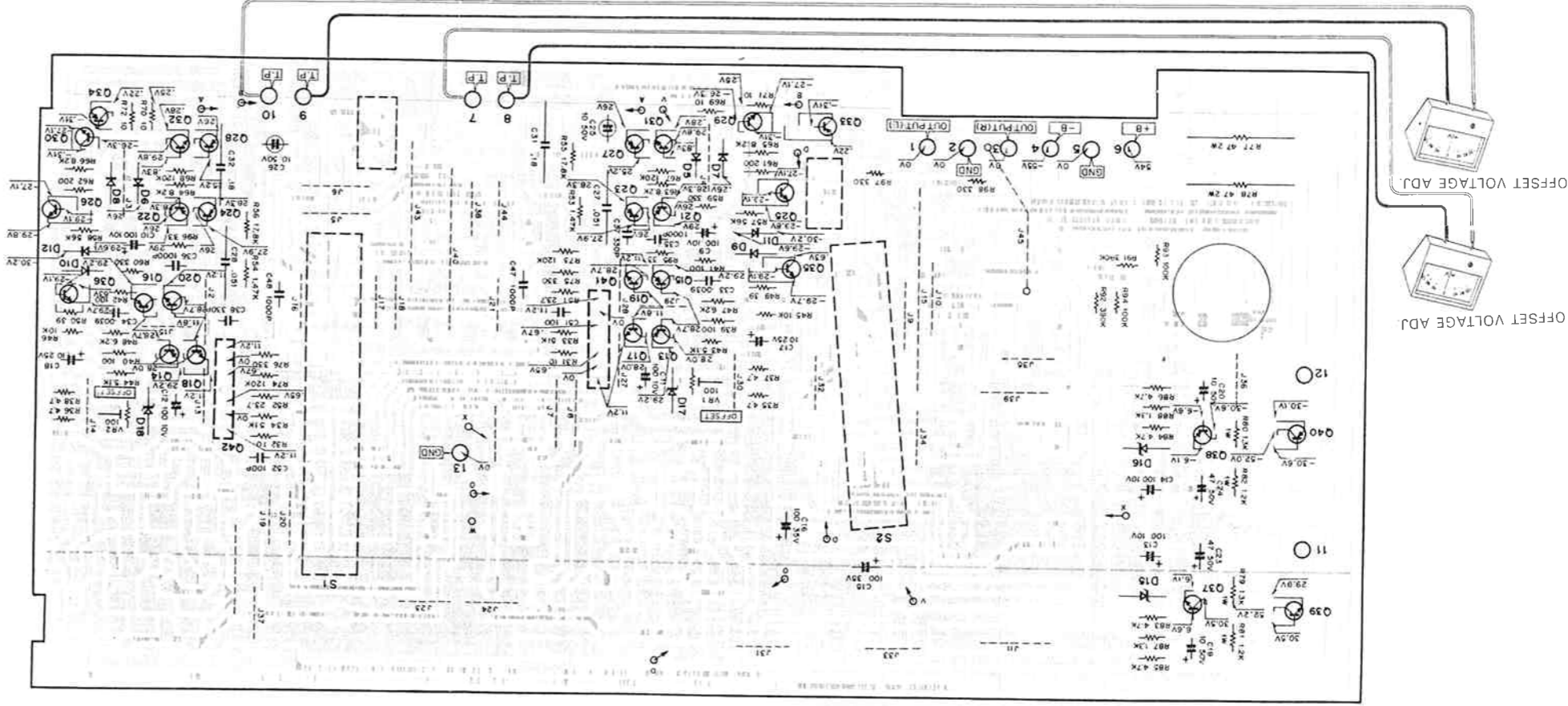
Semiconductor Name	Semiconductor Substitutions
2SA1107 (2)	—
2SC2587 (2)	—
(X07-1640-10)	2SA992 (E,F), 2SA872 (D,E), 2SA921 (S,T)
2SA733A (R, Q)	—
2SA913 (R,Q)	2SC1980 (S,T), 2SC1845 (F,E), 2SC1775 (D,E)
2SC945 (R,Q)	—
2SC1913 (R,Q)	—
HA-12002	—
TA-7318P	—
(X08-1660-10)	2SA992 (E,F), 2SA872 (D,E), 2SA921 (S,T)
2SA733A (R,Q)	2SA850 (D,E), 2SA777 (Q,R)
2SA954 (M,L)	2SA872 (D,E), 2SA992 (E,F)
2SA1023 (R,Q)	2SA839 (Q,Y)
2SB507V-AL	2SC1980 (S,T), 2SC1845 (F,E), 2SC1775 (D,E)
2SC945 (L) (R,Q)	2SC1980 (S,T), 2SC1845 (F,E), 2SC1775 (D,E)
2SC945 (R,Q)	2SC1735 (D,E), 2SC1509 (Q,R)
2SC2003 (M,L)	2SC1775 (D,F), 2SC1845 (F,E), 2SC1980 (S,T)
2SC2378 (R,Q)	—
2SC2385 (F,G)	—
2SD313V-AL	2SC1669 (O, Y)
2SK111	—
(X11-1500-11)	—
2SA899 (B,V)	—
2SA899 (V)	—
2SC1904 (V)	—
2SC2259 (G, H)	—
2SC2291 (G, H)	—
2SK150A (Y,GR)	μPA68H (L,M)
HA-1457	—

J25-1597-03 (Foil Side)

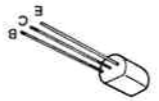


**PC BOARD**

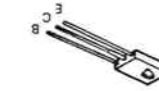
Preamp. (X08-1660-10) (Foil Side)



- 2SA733A 2SC945
- 2SA954 2SC203
- 2SA1023 2SC2378

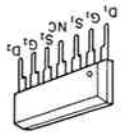


2SD313V

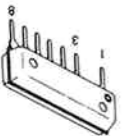


2SA899

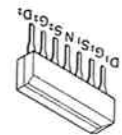
2SC2559



2SK111



HA1457



2SK150A

- Q39 : 2SD313V-AL
- Q40 : 2SB507V-AL
- Q41, 42: 2SK111 (F, G)
- Q29, 30 : 2SC2378 (R, Q)
- Q27, 28 : 2SA1023 (R, Q)
- Q17~20, 25, 26 : 2SC945 (R, Q)
- Q13~16, 21~24: 2SA733A (R, Q)
- Q33, 34, 38 : 2SA954 (M, L)
- D15, 16: WZ-061
- Q31, 32, 35~37 : 2SC2003 (M, L)
- D5~12: 1S2076
- D17, 18: WZ-157

- Q1, 2 : 2SK150A (GR, Y)
- Q3, 4 : 2SC2291 (G, H)
- Q5, 6 : 2SC2259 (G, H)
- Q7~10: 2SA899 (B, V)
- Q11, 12 : 2SA899 (V)
- Q13, 14 : 2SC1904 (V)
- IC1, 2 : HA1457
- D1, 2, 7, 8: WZ-197
- D3, 4 : WZ-280
- D5, 6 : WZ-051
- D9, 10 : 1S2076
- D11~14 : 1N60
- D15, 16 : WZ-182

Control (X11-1500-11) (Foil Side)

