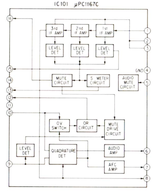
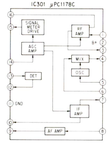
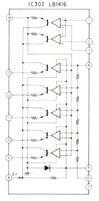
IC101 μPC1167C



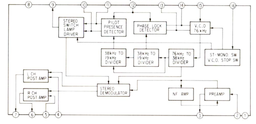
IC301 μPC1178C



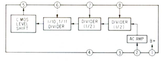
IC302 LB1416



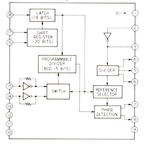
IC201 μPC1161C



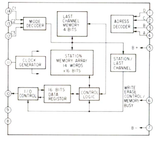
IC401 μPB552C



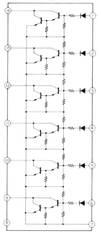
IC402 μPD2819C



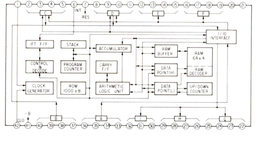
IC406 CX761



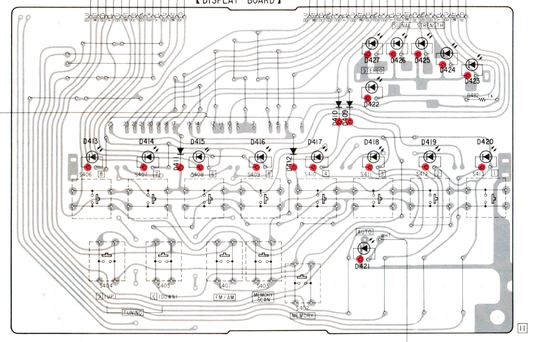
IC407 μPA67C



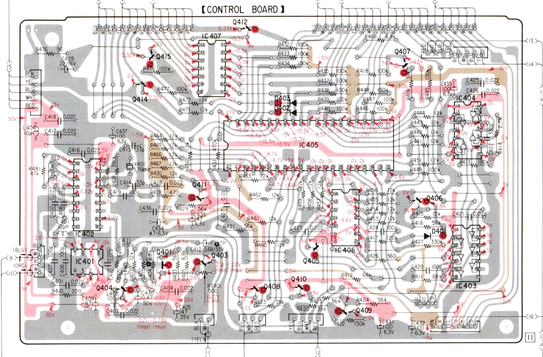
IC405 μPD552C-037



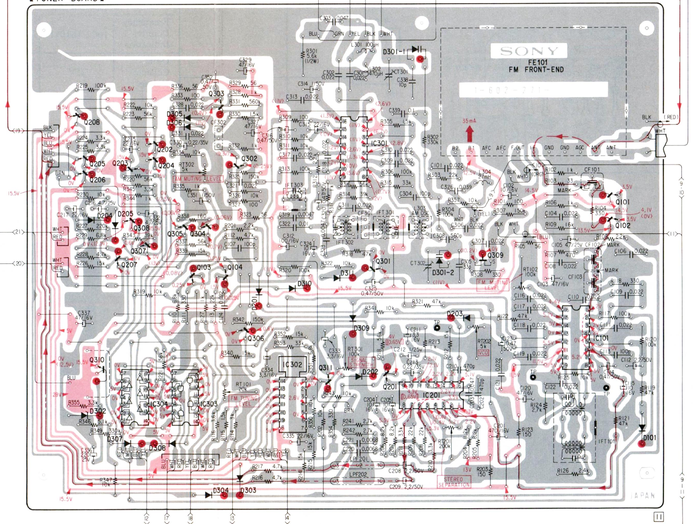
【DISPLAY BOARD】



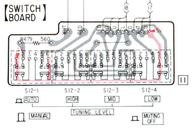
【CONTROL BOARD】

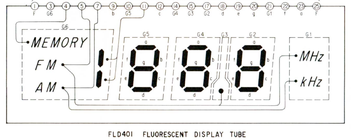


【TUNER BOARD】

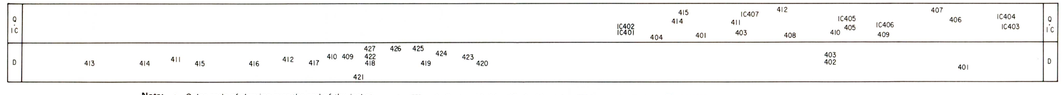


【SWITCH BOARD】





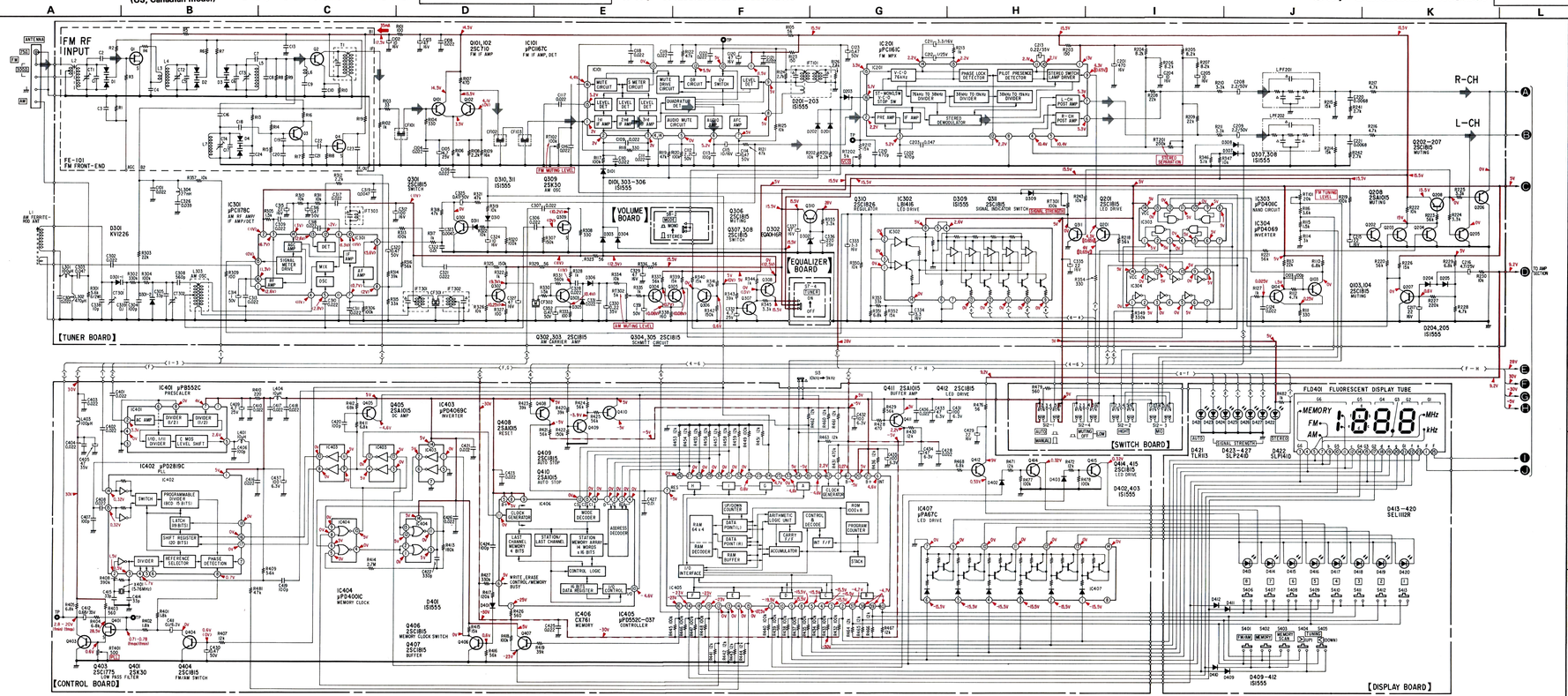
FLD401 FLUORESCENT DISPLAY TUBE



Note: ● Color code of sleeving over the end of the jacket.

● [ ]: indicates side identified with part number.
● : signal path
● : L-CH signal path
● : R-CH signal path
● : B+ pattern
● : B- pattern

Q, IC	D
	301-1
303	
208	305 306
IC301 202	
201 203,204 206 302	
101	
	204 205
308 102 305,304	
307 207 309 301	301-2
103,104	311 201,310
	309 203
306 IC101	
310 201 311	202
IC304, IC303 IC302,IC206	302
	101
	307,308
	303
	304
Q, IC	D



–39– –40– –41–

Note:

- All capacitors are in μF unless otherwise noted. pF : μμF
  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in ohms, ¼W unless otherwise noted.
  kΩ : 1000 Ω, MΩ : 1000 kΩ
- △ : internal component.
- ▭ : panel designation.
- ▭ : adjustment for repair.
- ——— : B+ bus.
- ——— : B– bus.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under no-signal (detuned) conditions with a VOM (20 kΩ/V).
  [[ ]] : FM STEREO
  < > : AM
  no mark : FM
- Voltage variations may be noted due to normal production tolerances.
- ● : signal path
- Switch

Ref. No.	Switch	Position
S7	FUNCTION TUNER	OFF
S8	MODE	STEREO
S12	TUNING LEVEL	MANUAL
S13	AM 9kHz/10kHz	10kHz
S401	FM/AM	FM
S402	MEMORY	OFF
S403	MEMORY SCAN	OFF
S404	TUNING (UP)	OFF
S405	TUNING (DOWN)	OFF
S406–413	preset (1–8)	OFF

- **Replacement Semiconductors**

For replacement, use semiconductors except in ( ).

Q101, 102: 2SC710

Q103, 104, 201–207, 301–308, 311, 404, 406, 407, 409, 412, 414, 415: 2SC1364 (2SC1815)

Q208, 405, 408, 410, 411: 2SA1015

Q309, 401: 2SK30A (2SK30)

Q310: 2SC1986D

(2SC1826)

Q403: 2SC1775

IC101: μPC1167C
IC201: μPC1161C
IC301: μPC1178C

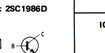
IC302: LB1416

IC303: μPD4011C
IC304, 403: μPC4069C
IC404: μPD4001C

IC401: μPB552C

IC402: μPC2819C

IC405: μPD552C037



IC406: CX761A (CX761)

IC407: μPA67C

D101, 201–205, 303–311, 409–412: 1S1555

D301: KV1226

D302: EQB01-16 (EQA01-16R)

D413–420: SEL1112R

D421: TLR124 (TLR113)

D422: SLP141B (SLP141D)
D423–427: SLP241B (SLP241D)

4-3. MOUNTING DIAGRAM (2) — Amp Section — (US, Canadian model)

— Conductor Side —

Replacement Semiconductors

For replacement, use semiconductors except in ( ).

Q501, 502, 551, 552: 2SC2545

Q503, 701–704, 709, 716–721, 751–754, 759, 802, 803, 807, 811, 812, 816, 819, 820, 902: 2SC1364 (2SC1634)

Q723: 2SC1890A

Q601, 651: 2SC1636

Q705, 755: 2SA979

Q706, 756: 2SA904A

Q707, 757: 2SC1914A

Q708, 758: 2SD358

Q710, 760, 810, 815, 817, 818, 901 : 2SA1027R (2SA733)

Q711, 761: 2SB528

Q712, 762: 2SC2681

Q722: 2SA1027R (2SA872A)

Q713, 763: 2SA1141

Q714, 715, 764, 765: 2SA1049

Q801, 805: 2SC1173

Q804, 806, 809, 814: 2SK34

Q808, 813: 2SA473

Q903, 904: 2SC2767

IC501, 551: M5214L

IC601: NJM4560D

D701, 751: MV-12N

D702, 752, 704–708 711, 754–757, 901, 902: 1S1555
D804: 10E2 (10E1)

D703, 753: SV04S

D801: S4VB40

D902, 903: CTU2U

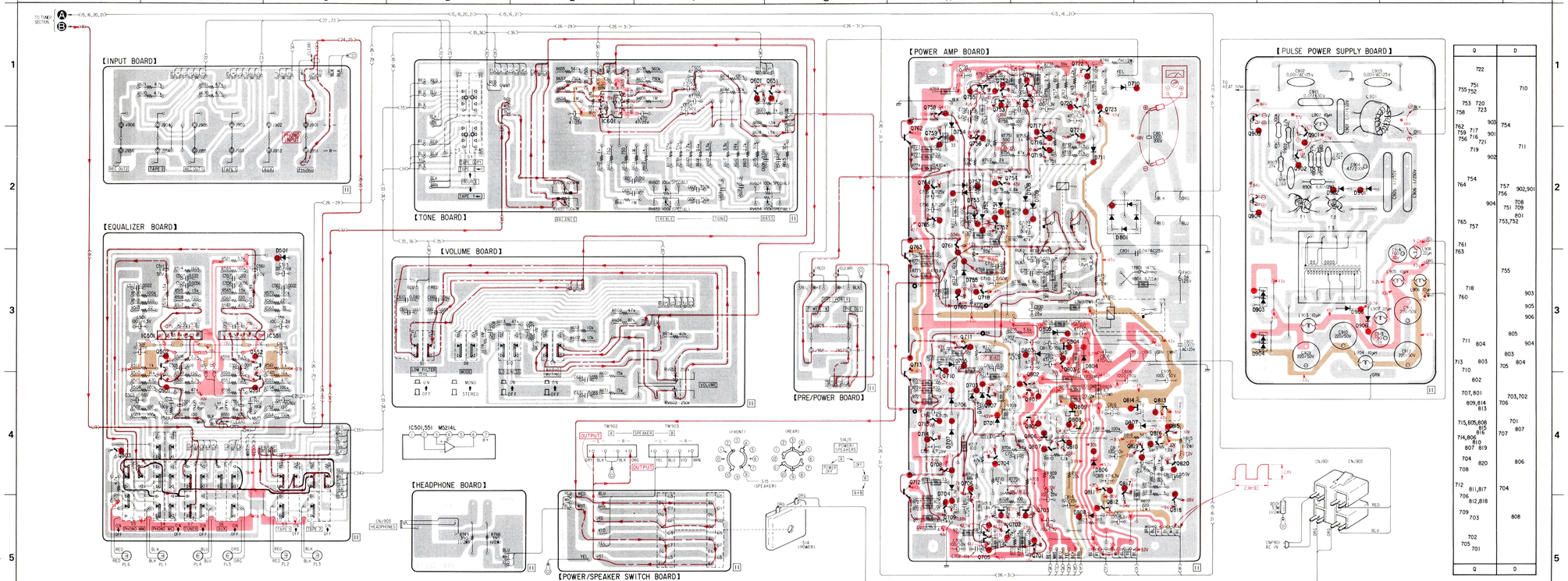
D905, 906: V09C

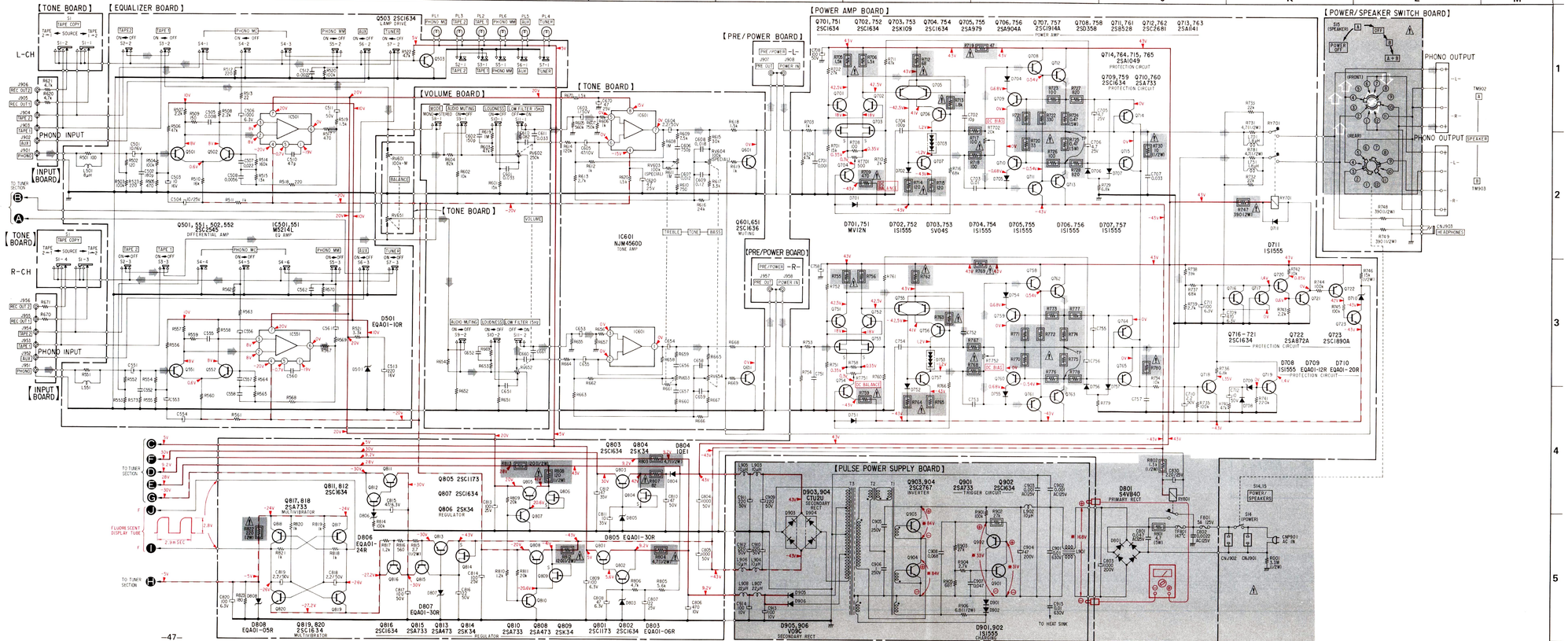
D501, 709: EQB01-10 (EQA01-10R)
D710: EQB01-20 (EQA01-20R)
D803: EQB01-06 (EQA01-06R)
D805, 807: EQB01-30 (EQA01-30R)
D806: EQB01-24 (EQA01-24R)
D808: EQB01-05 (EQA01-05P)

- Color code of sleeving over the end of the jacket.

Note:

- : signal path
- : L-CH signal path
- : R-CH signal path
- : B+ pattern
- : B- pattern
- : indicates side identified with part number.





- Components for right channel have same values as for left channel. Reference numbers are 50 higher than L-CH.
- All capacitors are in μF unless otherwise noted. pF : μμF
  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in ohms, ¼ W unless otherwise noted.
  kΩ : 1000 Ω, MΩ : 1000 kΩ
- : nonflammable resistor.
- : panel designation.
- : adjustment for repair.
- B+ bus.
- B- bus.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under no-signal (detuned) conditions in FM mode with a VOM (20 kΩ/V).
- Voltage variations may be noted due to normal production tolerances.
- : signal path

- Switch

Ref. No.	Switch	Position
S1	TAPE COPY	SOURCE
S2	TAPE 2	OFF
S3	TAPE 1	OFF
S4	PHONO MC	OFF
S5	PHONO MM	ON
S6	AUX	OFF
S7	TUNER	OFF
S8	MODE	STEREO
S9	AUDIO MUTING	OFF
S10	LOUDNESS	OFF
S11	LOW FILTER 15Hz	OFF
S14	POWER	OFF
S15	SPEAKERS	A

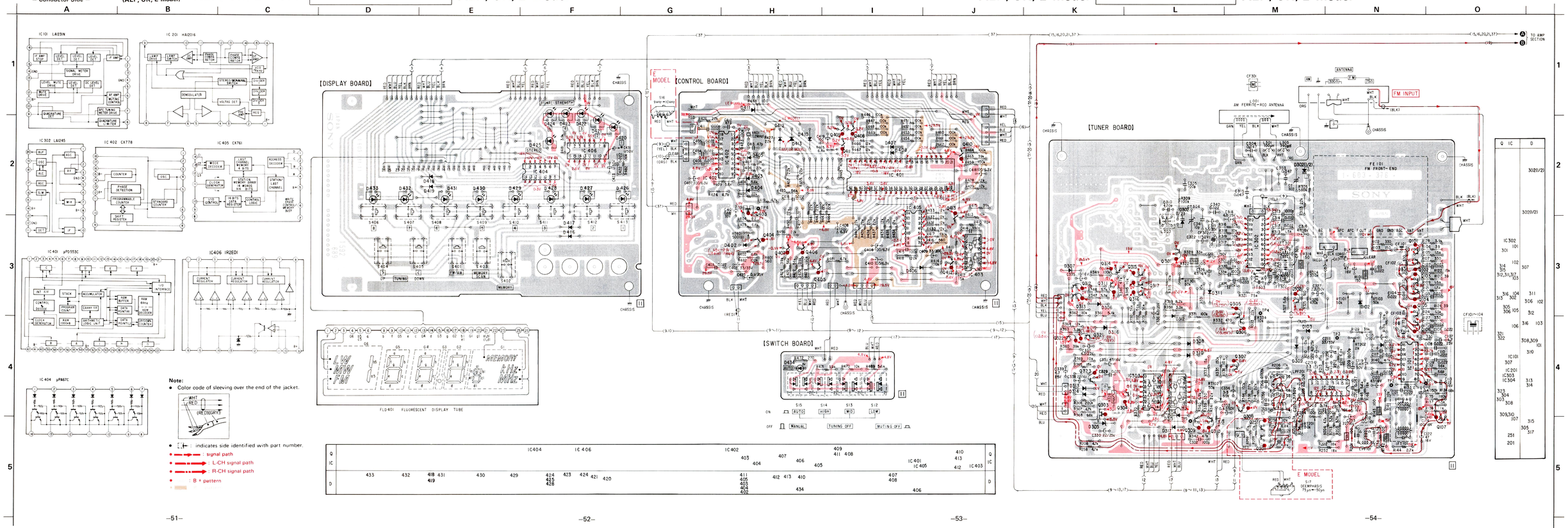
Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

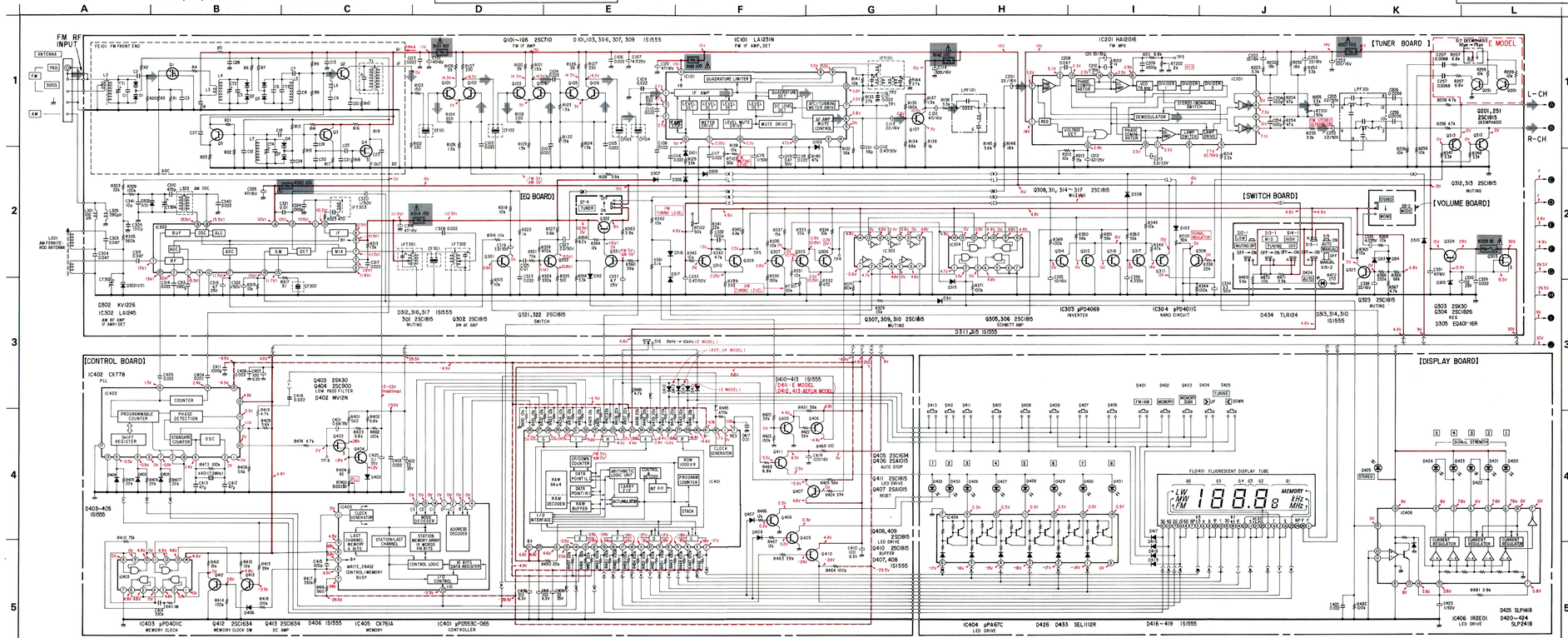
4-5. MOUNTING DIAGRAM (3) – Tuner Section –
– Conductor Side – (AEP, UK, E model)

AEP, UK, E model | STR-V55 | STR-V55 | AEP, UK, E model

AEP, UK, E model | STR-V55 | STR-V55 | AEP, UK, E model



Note:
- Color code of sleeving over the end of the jacket.
- : indicates side identified with part number.
- : signal path
- : L-CH signal path
- : R-CH signal path
- : B + pattern



Note:

- All capacitors are in μF unless otherwise noted. pF : μμF
  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in ohms, ¼W unless otherwise noted.
  kΩ : 1000 Ω, MΩ : 1000 kΩ
- △ : internal component.
- ▭ : panel designation.
- ▭ : adjustment for repair.
- ——: B+ bus.
- – – –: B– bus.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under no-signal (detuned) conditions with a VOM (20 kΩ/V).
  [ ] : FM STEREO
  ( ) : AM
  no mark : FM
- Voltage variations may be noted due to normal production tolerances.
- ➡ : signal path
- Switch

Ref. No.	Switch	Position
S7	TUNER	ON
S12	MUTING OFF (LOW)	OFF
S13	TUNING OFF (MID)	OFF
S14	TUNING OFF (HIGH)	ON
S15	MANUAL	ON (AUTO)
S401	FM/AM	OFF
S402	MEMORY	OFF
S403	MEMORY SCAN	OFF
S404	TUNING (UP)	OFF
S405	TUNING (DOWN)	OFF
S406–413	Preset (1 – 8)	OFF

Replacement Semiconductors

2SA1015

2SC1986

HA12016

SEL1112R

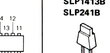
TLR124

2SA1027R

2SK30
2SK30A
2SA30A-GR3

LA1245

SLP1413B
SLP241B



2SC710

CA1231N
IR2E01
CA1231

μPA67C

1S1555

2SC900
2SC1362
2SC1364
2SC1634
2SC1815

CX761A
MB84069B
μPD4069
μPD4011C

μPD553C-065

EQA01-16R
EQB01-16

KV1226

MV12N

2SC1826

CX778

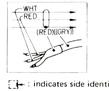
4-7. MOUNTING DIAGRAM (4) – Amp Section – (AEP, UK, E model)

Replacement Semiconductors

2SA473	2SC1173	2SD358	1S1555 10E1 10E2 RD27E-B RD27E-B2Z
2SA979	2SC1364 2SC1634 2SC2545 V09C	2SK34	CTU-2U CTU-22U
2SA1026 2SA1027R	2SC1914	HA12002	EQA01-05R EQA01-06R EQA01-10R EQA01-30R EQB01-05 EQB01-06 EQB01-10 EQB01-30
2SA1049	2SC2542 2SC2542A	M5214L	MV12N
2SA1141	2SC2681	NJM4560D	SV04S
2SB528	2SC2725	S4VB40	

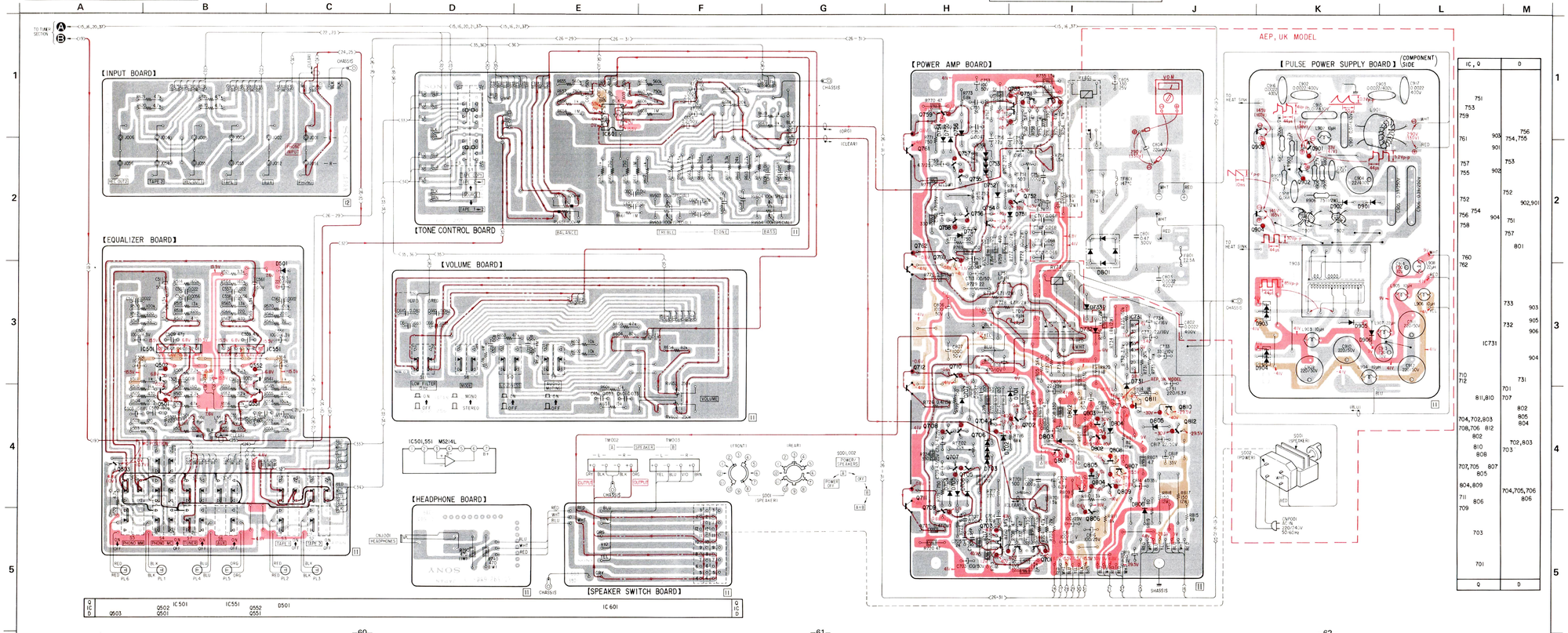
Note:

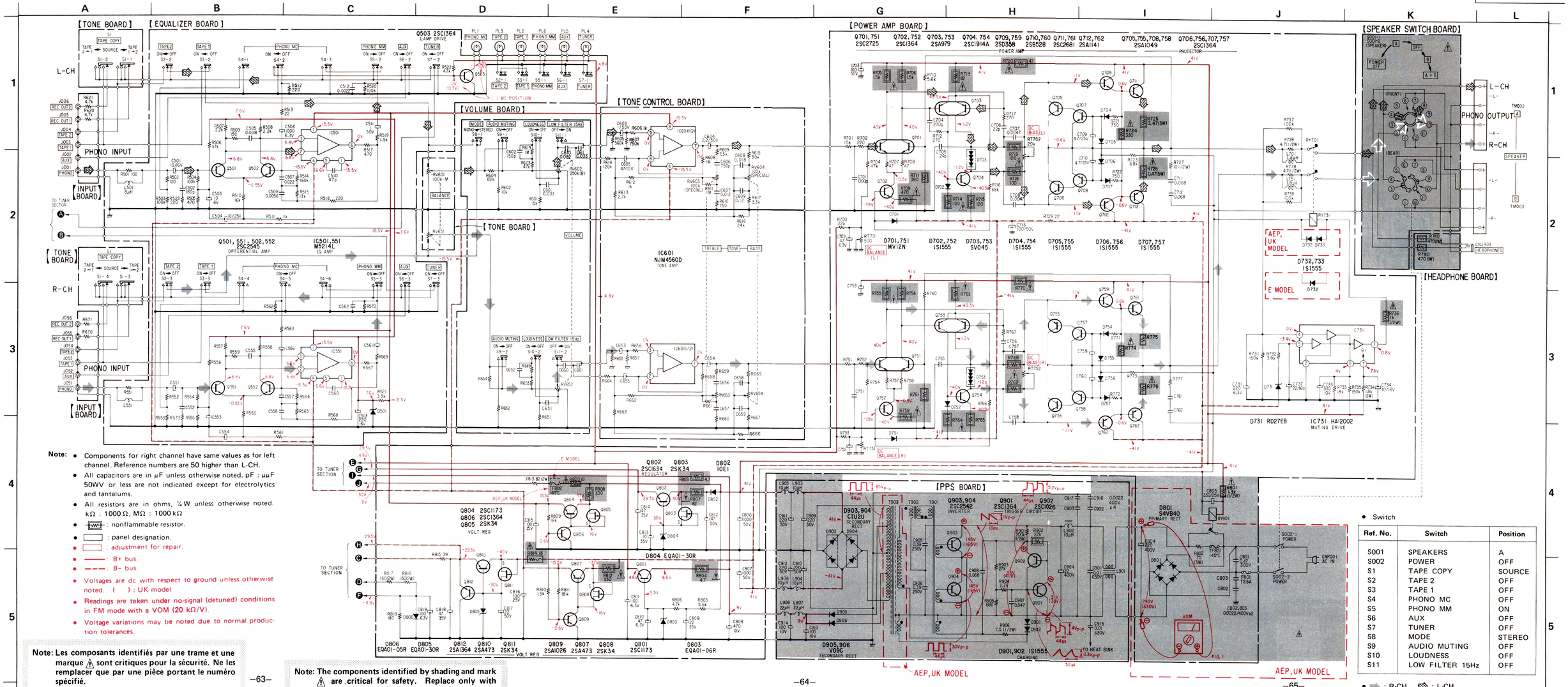
- Color code of sleeving over the end of the jacket.



- : indicates side identified with part number.

: signal path
: L-CH signal path
: R-CH signal path
B+ pattern





Note:

- Components for right channel have same values as for left channel. Reference numbers are 50 higher than L-CH.
- All capacitors are in μF unless otherwise noted. pF : μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in ohms, ¼W unless otherwise noted. kΩ : 1000 Ω, MΩ : 1000 kΩ
- ⚠: nonflammable resistor.
- ▭: panel designation.
- ▭: adjustment for repair.
- ——: B+ bus.
- – – –: B– bus.
- Voltages are dc with respect to ground unless otherwise noted. ( ) : UK model
- Readings are taken under no-signal (detuned) conditions in FM mode with a VOM (20 kΩ/V).
- Voltage variations may be noted due to normal production tolerances.

Note: Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

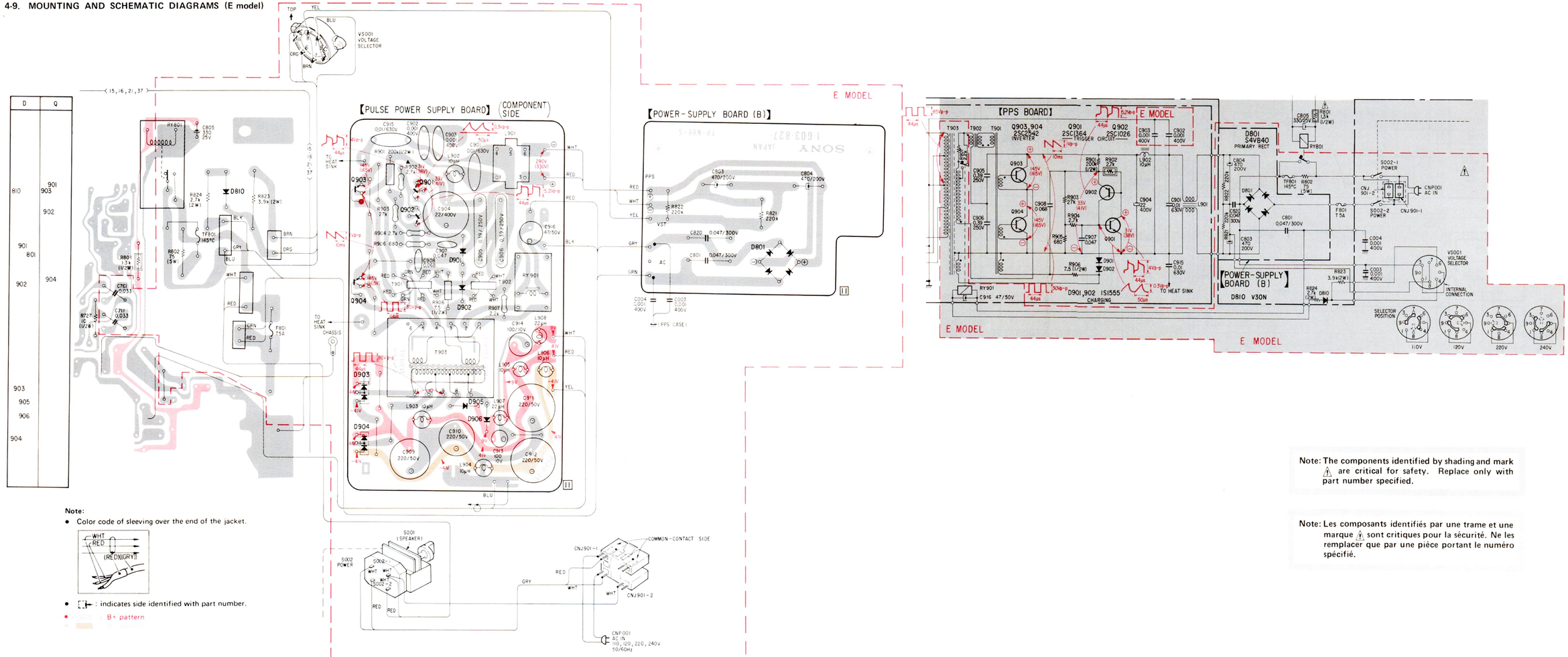
- Switch

Ref. No.	Switch	Position
S001	SPEAKERS	A
S002	POWER	OFF
S1	TAPE COPY	SOURCE
S2	TAPE 2	OFF
S3	TAPE 1	OFF
S4	PHONO MC	OFF
S5	PHONO MM	ON
S6	AUX	OFF
S7	TUNER	OFF
S8	MODE	STEREO
S9	AUDIO MUTING	OFF
S10	LOUDNESS	OFF
S11	LOW FILTER 15Hz	OFF

- ▭: R-CH ▨: L-CH

E model | STR-V55 STR-V55 | E model

4-9. MOUNTING AND SCHEMATIC DIAGRAMS (E model)



Note:
- Color code of sleeving over the end of the jacket.

- : indicates side identified with part number.
- B+ pattern

Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.