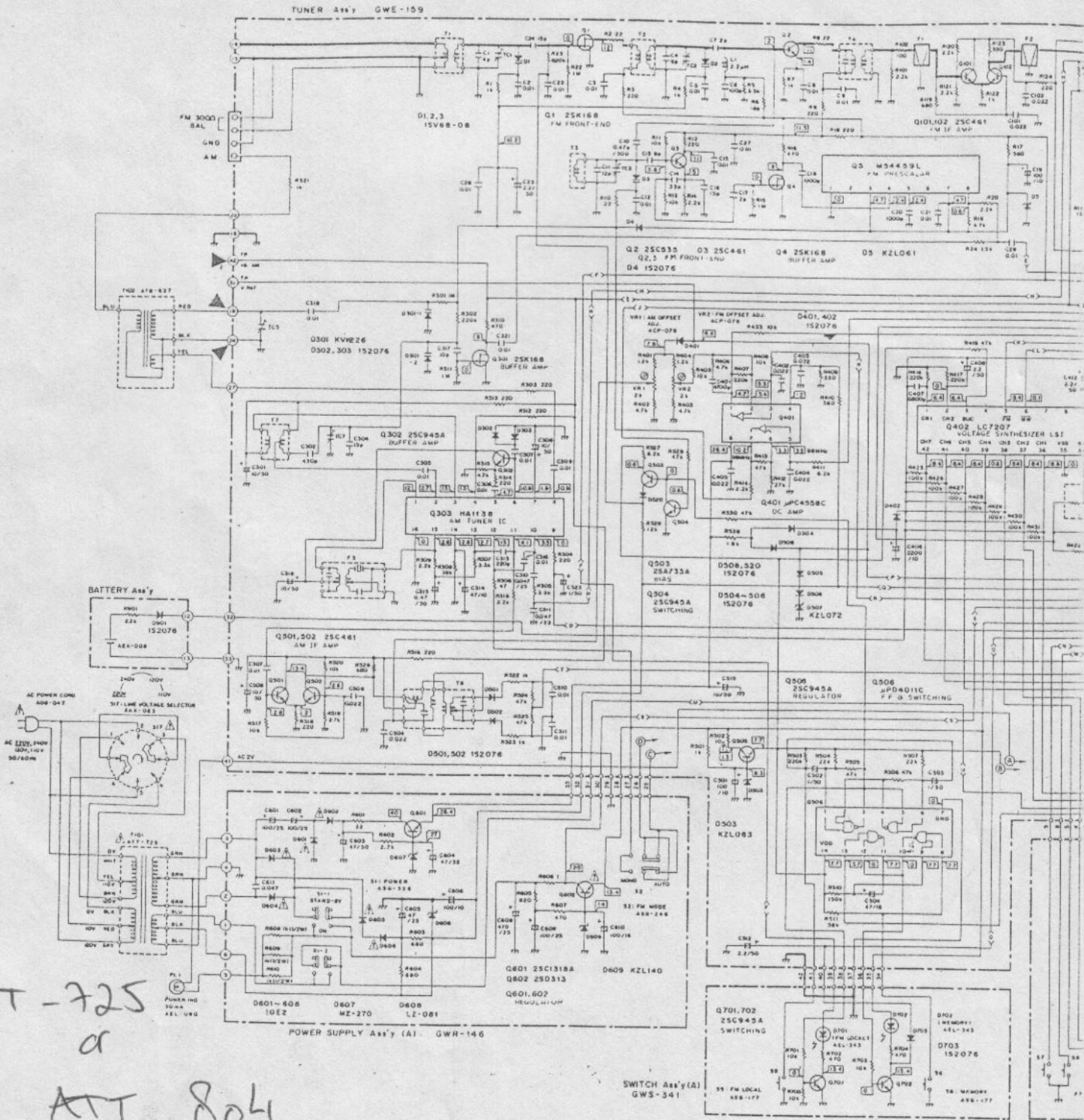


# 3. SCHEMATIC DIAGRAMS AND P.C. BOARD

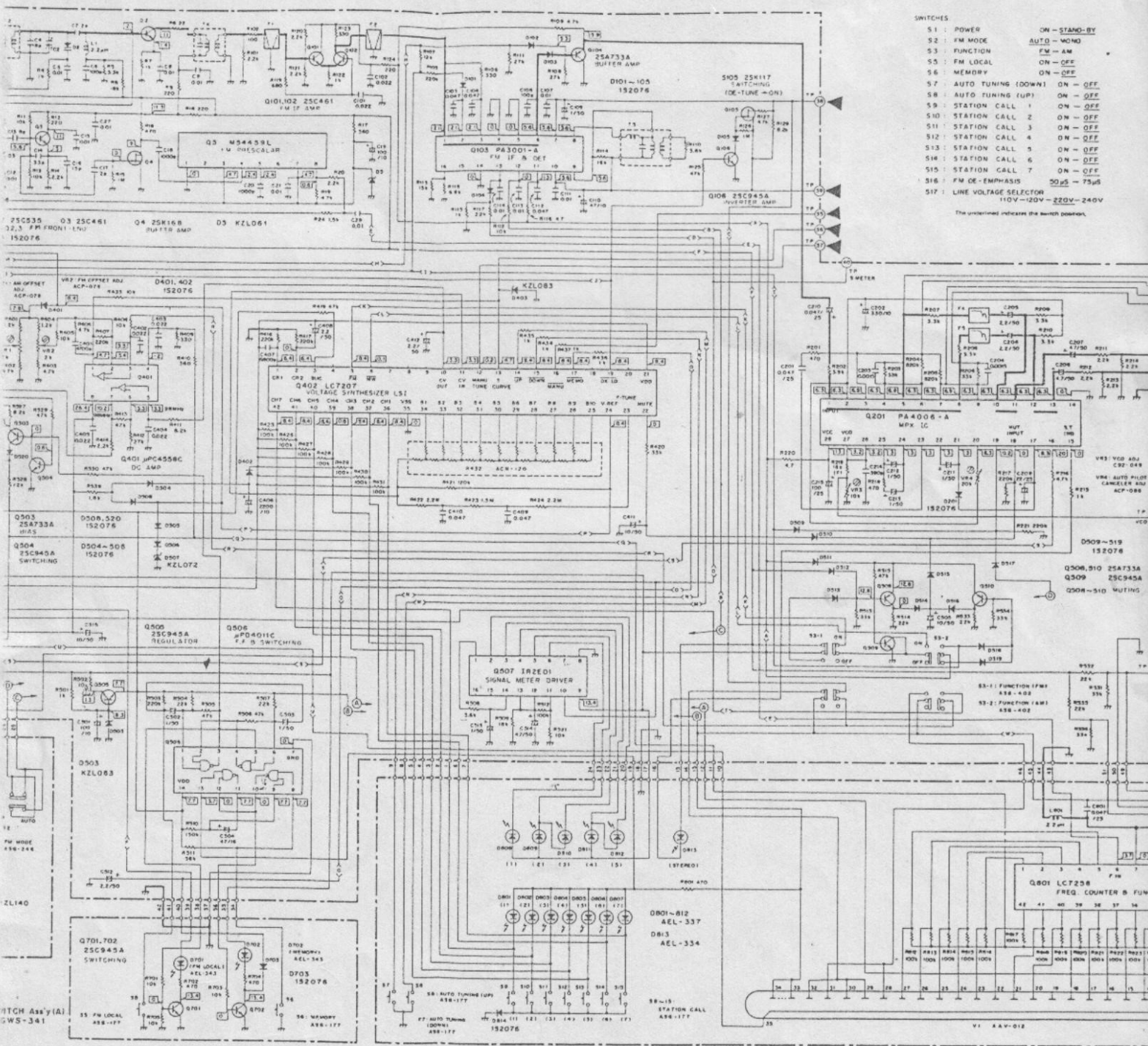
## 3.1 SCHEMATIC DIAGRAM (S, S/G type)



# C. BOARD

PA 3001 = 71A 1137

NOTE:  
The indicated se  
only. Other altern  
are listed in the pa



SWITCHES

S1 : POWER	ON - STAND-BY
S2 : FM MODE	AUTO - MONO
S3 : FUNCTION	FM - AM
S5 : FM LOCAL	ON - OFF
S6 : MEMORY	ON - OFF
S7 : AUTO TUNING (DOWN)	ON - OFF
S8 : AUTO TUNING (UP)	ON - OFF
S9 : STATION CALL 1	ON - OFF
S10 : STATION CALL 2	ON - OFF
S11 : STATION CALL 3	ON - OFF
S12 : STATION CALL 4	ON - OFF
S13 : STATION CALL 5	ON - OFF
S14 : STATION CALL 6	ON - OFF
S15 : STATION CALL 7	ON - OFF
S16 : FM DE-EMPHASIS	50µS - 75µS
S17 : LINE VOLTAGE SELECTOR	110V - 120V - 220V - 240V

The unswitched indicates the switch position.

ITCH Assy(A)  
SWS-341

NOTE:

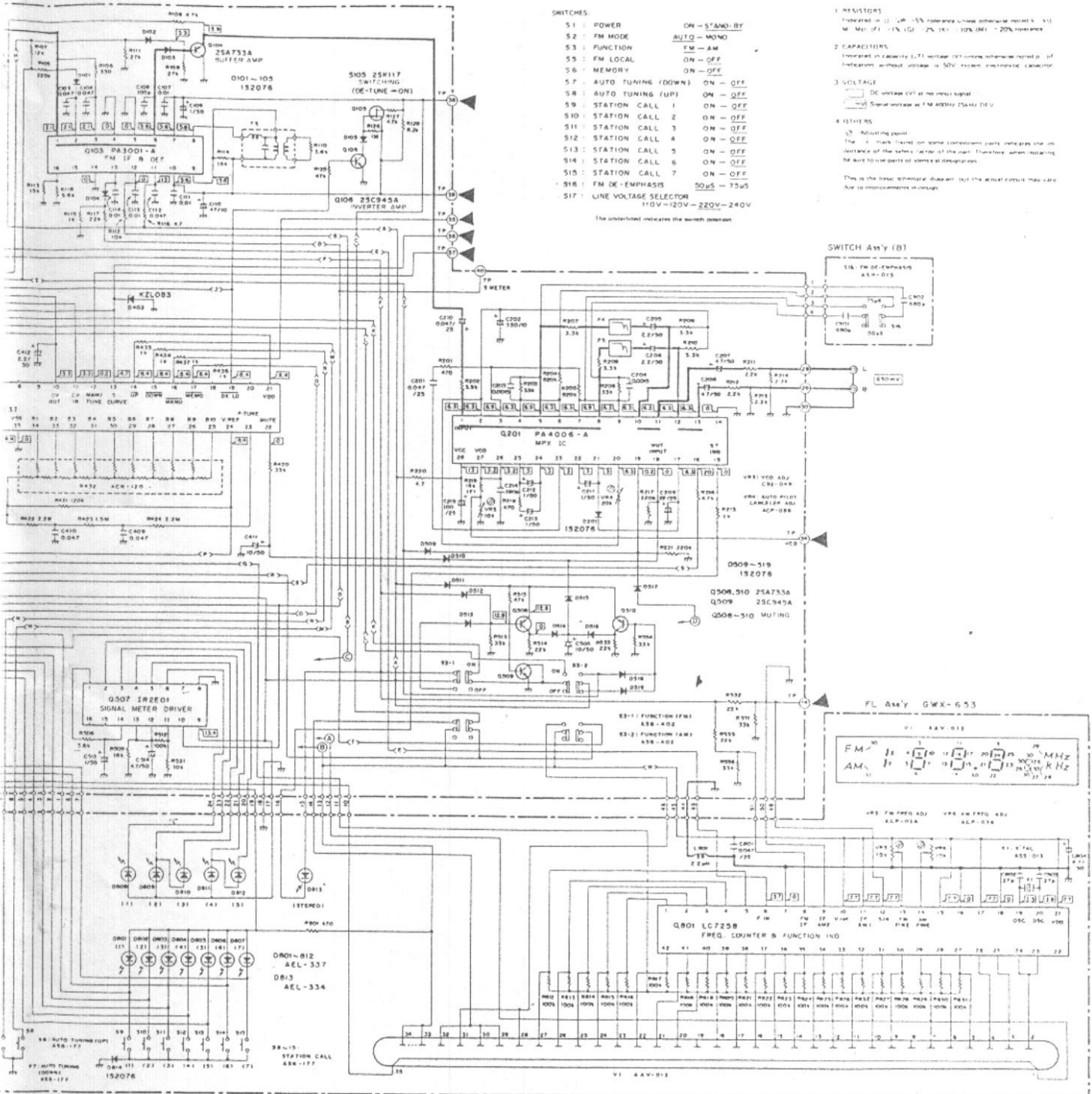
The indicated semiconductors are representative ones only. Other alternative semiconductors may be used and are listed in the parts list.

A

B

C

D



SWITCHES

- S 1: POWER ON - STANDBY
- S 2: FM MODE AUTO - MONO
- S 3: FUNCTION FM - AM
- S 5: FM LOCAL ON - OFF
- S 6: MEMORY ON - OFF
- S 7: AUTO TUNING (DOWN) ON - OFF
- S 8: AUTO TUNING (UP) ON - OFF
- S 9: STATION CALL 1 ON - OFF
- S 10: STATION CALL 2 ON - OFF
- S 11: STATION CALL 3 ON - OFF
- S 12: STATION CALL 4 ON - OFF
- S 13: STATION CALL 5 ON - OFF
- S 14: STATION CALL 6 ON - OFF
- S 15: STATION CALL 7 ON - OFF
- S 16: FM DE-EMPHASIS 50µs - 75µs
- S 17: LINE VOLTAGE SELECTOR 110V-120V-220V-240V

The underline indicates the switch position

1. RESISTORS

Indicated in Ω, K, M. 5% tolerance unless otherwise noted. 1/4 W.

M. 1/4 W. 1%, 1/2 W. 1%, 1 W. 1%, 2 W. 1%, 5 W. 1%, 10 W. 1%, 20 W. 1%

2. CAPACITORS

Indicated in capacity (pF, nF, µF) unless otherwise noted. pF of tolerance unless stated is 50% unless otherwise specified.

µF: 5% tolerance unless otherwise specified.

µF: 10% tolerance unless otherwise specified.

3. VOLTAGE

DC: unless noted as AC.

AC: unless noted as DC.

4. DIODES

1N4148: General purpose silicon diode.

1N4001: Rectifier diode.

1N4002: Rectifier diode.

1N4003: Rectifier diode.

1N4004: Rectifier diode.

1N4005: Rectifier diode.

1N4006: Rectifier diode.

1N4007: Rectifier diode.

1N4008: Rectifier diode.

1N4009: Rectifier diode.

1N4010: Rectifier diode.

1N4011: Rectifier diode.

1N4012: Rectifier diode.

1N4013: Rectifier diode.

1N4014: Rectifier diode.

1N4015: Rectifier diode.

1N4016: Rectifier diode.

1N4017: Rectifier diode.

1N4018: Rectifier diode.

1N4019: Rectifier diode.

1N4020: Rectifier diode.

1N4021: Rectifier diode.

1N4022: Rectifier diode.

1N4023: Rectifier diode.

1N4024: Rectifier diode.

1N4025: Rectifier diode.

1N4026: Rectifier diode.

1N4027: Rectifier diode.

1N4028: Rectifier diode.

1N4029: Rectifier diode.

1N4030: Rectifier diode.

1N4031: Rectifier diode.

1N4032: Rectifier diode.

1N4033: Rectifier diode.

1N4034: Rectifier diode.

1N4035: Rectifier diode.

1N4036: Rectifier diode.

1N4037: Rectifier diode.

1N4038: Rectifier diode.

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1N4040: Rectifier diode.

1N4041: Rectifier diode.

1N4042: Rectifier diode.

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1N4060: Rectifier diode.

1N4061: Rectifier diode.

1N4062: Rectifier diode.

1N4063: Rectifier diode.

1N4064: Rectifier diode.

1N4065: Rectifier diode.

1N4066: Rectifier diode.