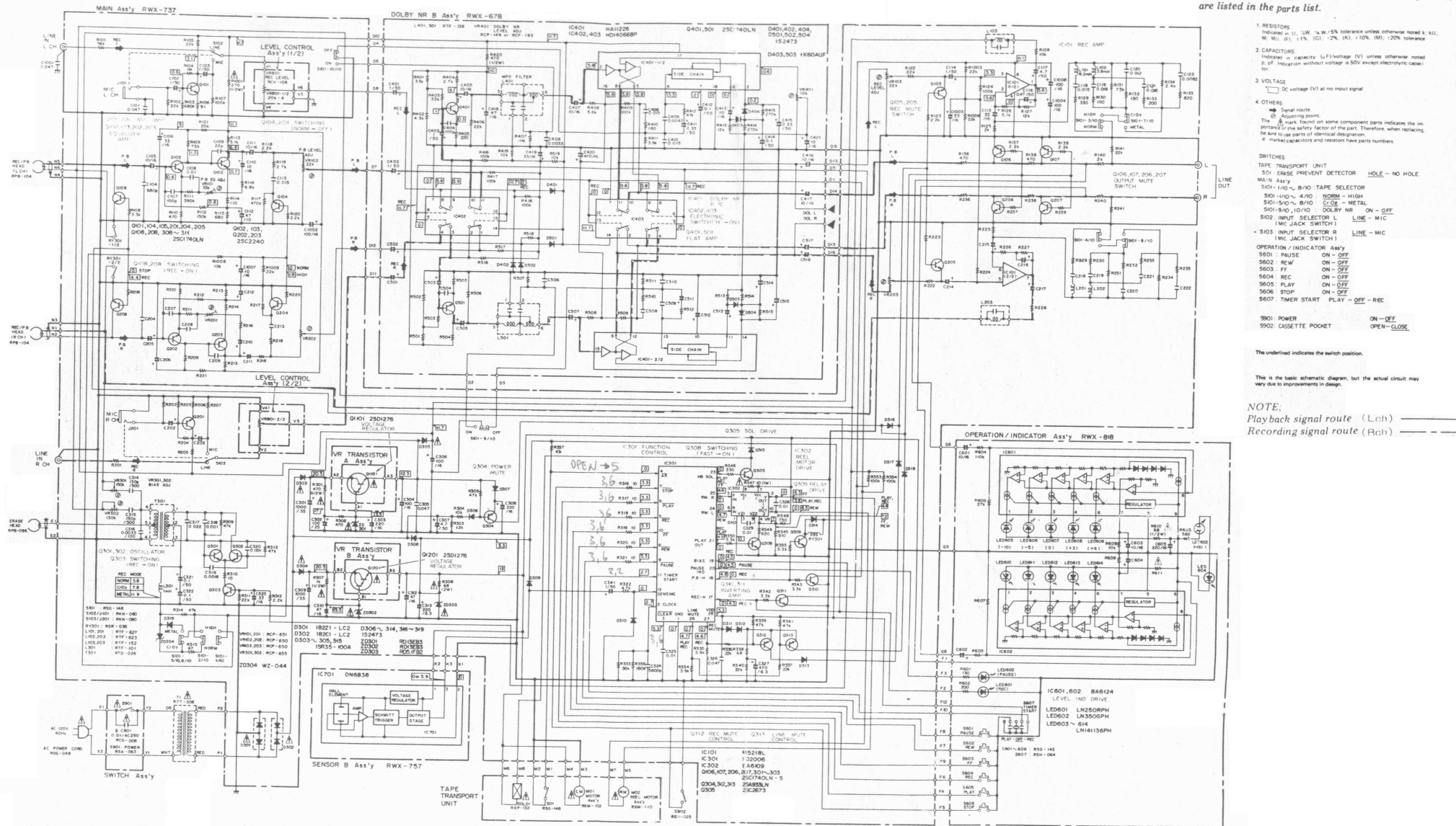


8. SCHEMATIC DIAGRAM CT-540



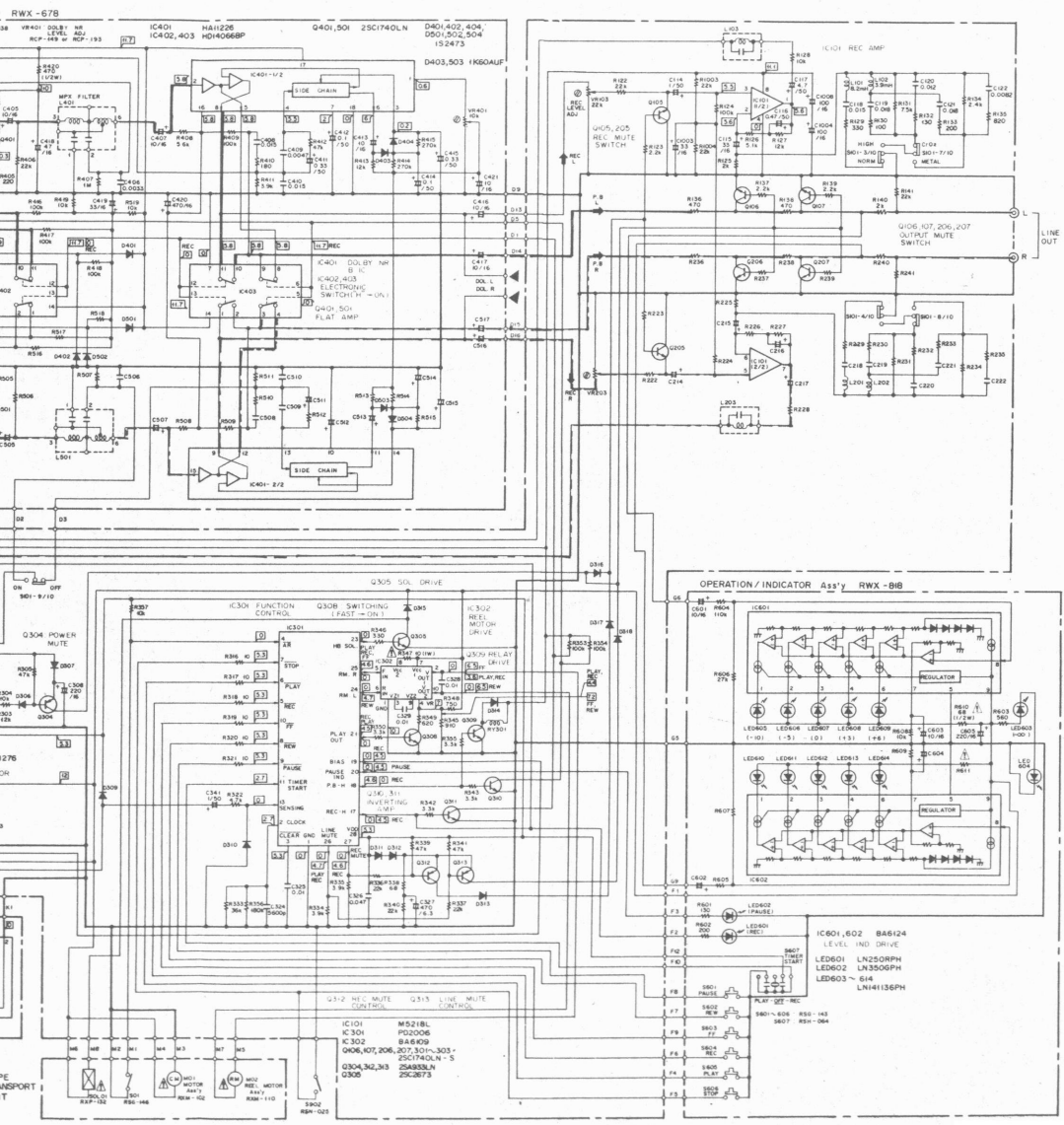
NOTE:
The indicated semiconductors are representative only. Other alternative semiconductors may be used if listed in the parts list.

- RESISTORS:**
Indicated in Ω, kΩ, MΩ, % tolerance unless otherwise noted. 1/4 W, 1/8 W, 1/2 W, 1 W, 2 W, 5 W, 10 W, 20 W, 50 W, 100 W, 200 W, 500 W, 1000 W.
 - CAPACITORS:**
Indicated in pF, nF, μF, % tolerance unless otherwise noted. 50V, 100V, 250V, 500V, 1000V, 2500V, 5000V, 10000V, 25000V, 50000V, 100000V, 250000V, 500000V, 1000000V.
 - VOLTAGE:**
DC voltage (V) at no input signal.
 - OTHERS:**
① Signal route
② Adjusting point
③ Mark based on some component parts indicate the use of the safety factor of the part. Therefore, when replacing, use the same safety factor of the part. Therefore, when replacing, use the same safety factor of the part. Therefore, when replacing, use the same safety factor of the part. Therefore, when replacing, use the same safety factor of the part.
- SWITCHES**
- TAPE TRANSPORT UNIT**
- S01 ERASE PREVENT DETECTOR HOLE - NO HOLE
 - MTR: BARRY
 - S01-H/NO-B/TAPE SELECTOR
 - S01-H/NO-B/NO-NORM - HIGH
 - S01-H/NO-B/COR - METAL
 - S01-H/NO-B/DOLBY NR ON - OFF
 - S02 INPUT SELECTOR L LINE - MIC
 - S03 INPUT SELECTOR R LINE - MIC
- OPERATION / INDICATOR Assy**
- S601 PAUSE ON - OFF
 - S602 REC ON - OFF
 - S603 FF ON - OFF
 - S604 REV ON - OFF
 - S605 PLAY ON - OFF
 - S606 STOP ON - OFF
 - S607 TIMER START PLAY - OFF - REC
- POWER**
- S901 POWER ON - OFF
 - S902 CASSETTE POCKET OPEN - CLOSE

The underlined indicates the switch position.

This is the basic schematic diagram, but the actual circuit may vary due to improvements in design.

NOTE:
Play back signal route (Lch) ————
Recording signal route (Rch) - - - - -



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

- RESISTORS**
Indicated in Ω, kΩ, MΩ, % tolerance unless otherwise noted k, M, Ω. MΩ: 1%, Ω: 1%, 2%, 5%, 10%, 100%, 200% tolerance.
 - CAPACITORS**
Indicated in capacity (μ, p, F) voltage (V) unless otherwise noted. p, F: Indication without voltage is 50V except electronic capacitor.
 - VOLTAGE**
□ DC voltage (V) at no input signal
 - OTHERS**
 - ⊕ Signal route
 - ⊖ Adjusting point
 - ⊗ Mark based on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
 - ⊠ Method capacitors and resistors have parts numbers.
- SWITCHES**
TAPE TRANSPORT UNIT
S01: ERASE PREVENT DETECTOR HOLE - NO HOLE MAIN Assy
S101: 4/10 ~ 8/10 TAPE SELECTOR
S101: 4/10 ~ 4/10 NORM - HIGH
S101: 5/10 ~ 8/10 C/D/E - METAL
S101: 8/10 1/10 DOLBY NR ON - OFF
S102: INPUT SELECTOR L LINE - MIC (MIC JACK SWITCH)
S103: INPUT SELECTOR R LINE - MIC (MIC JACK SWITCH)
OPERATOR / INDICATOR Assy
S601: PAUSE ON - OFF
S602: REW ON - OFF
S603: FF ON - OFF
S604: REC ON - OFF
S605: PLAY ON - OFF
S606: STOP ON - OFF
S607: TIMER START PLAY - OFF - REC
- S901: POWER ON - OFF
S902: CASSETTE POCKET OPEN - CLOSE
- The underlined indicates the switch position.
- This is the basic schematic diagram, but the actual circuit may vary due to improvements in design.

NOTE:
Playback signal route (Lch) ———
Recording signal route (Rch) - - - - -

External Appearance of Transistors and ICs

M5218L	2SC2673
2SC1740LN	BA6124
2SA933LN	
2SC2240	2SD1276
PD2006	HA11226
BA6109	HD14066BP

A

B

C

D