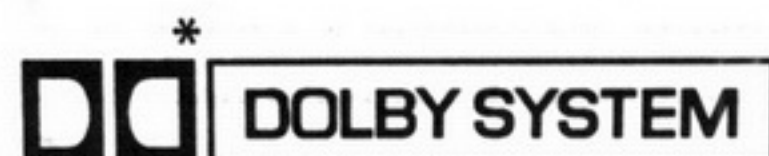


Service Manual

Mini Cassette



Stereo Cassette Player

RQ-SX55

Colour

(K)...Black Type



Area

Suffix for Model No.	Area	Colour
(E)	Europe.	(K)
(EB)	Great Britain.	

* Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

AR10 MECHANISM SERIES

SPECIFICATIONS

Power Requirement: Battery; DC 1.5V one "AA" size battery (not included) (Panasonic R6, LR6 or equivalent not included)
 Rechargeable Battery; DC1.2V with an included Panasonic Rechargeable Battery (RP-BP62EYS1)x1

Power Output: 4mW+4mW...RMS (max.)

Output Jack: Headphones;
 32Ω (stereo mini jack φ3.5)

Dimensions (WxHxD): 108.8x75.3x19.9mm

Weight: 181g (with rechargeable battery)

Charger: (E) Input; AC220V, 50Hz, 4W (RP-BC155EY) (included)
 Output; DC 1.2V, 350mA

(EB) Input; AC240V, 50Hz, 4W (RP-BC155EBYA) (included)
 Output; DC 1.2V, 350mA

Frequency Range (Normal/High/Metal): 40~18,000Hz (—6dB)

Playing time:
 (When used in hold mode, at 25 °C on a flat and stable surface.)

Panasonic Dry cell battery	R6	About 12h30m
	LR6	About 30h
Rechargeable battery (RP-BP62EYS1)		About 10h
Panasonic Dry cell battery (R6) with rechargeable batteries (RP-BP62EYS1)		About 22h
Panasonic Dry cell battery (LR6) with rechargeable batteries (RP-BP62EYS1)		About 40h

The play time may be shorter depending on the operating conditions.

Recharging time: About 2 hours
Motor: Electrical governor motor
Track System: 4-track 2-channel stereo playback
Tape Speed: 4.8cm/s

Note: Design and specifications are subject to change without notice. Weight and dimensions are approximate.

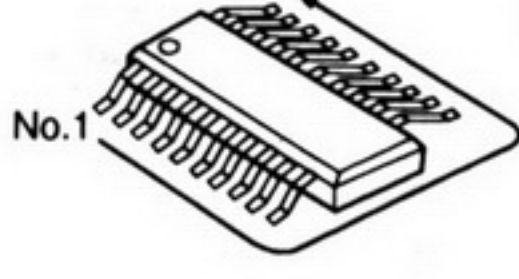
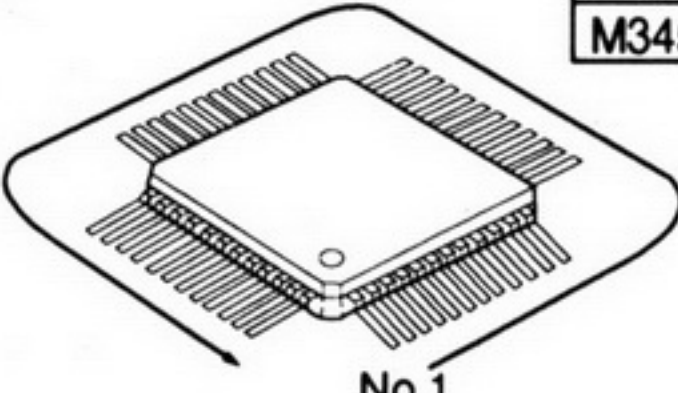
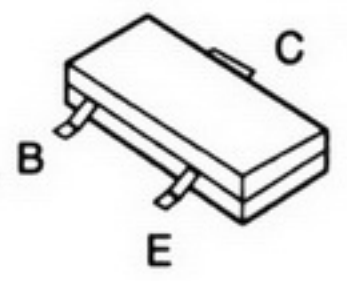
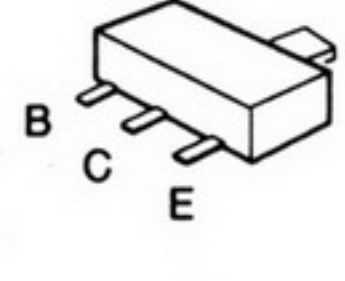
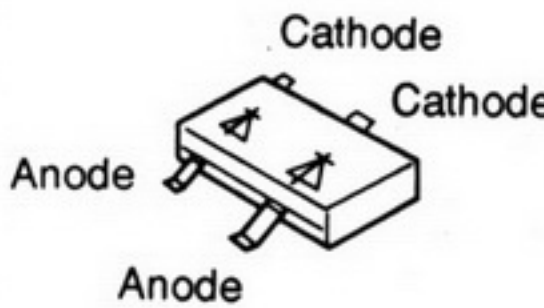
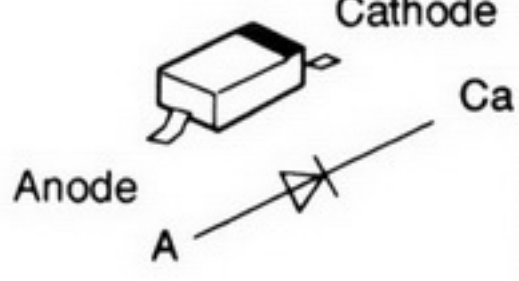
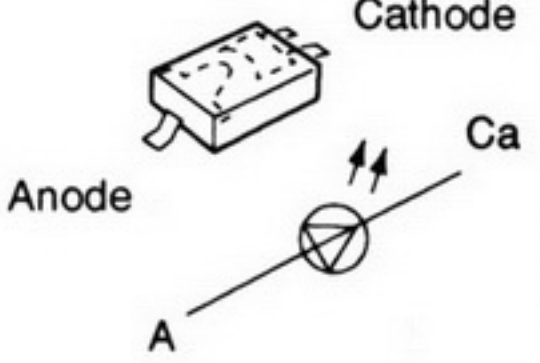
⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Panasonic®

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






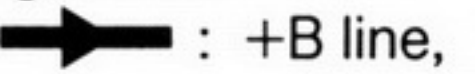

● Terminal guide of IC's, transistors and diodes

 <table border="1" data-bbox="847 279 1142 379"> <tr><td>MM1305XW</td><td>8 Pin</td></tr> <tr><td>BA9750FVE1</td><td>14 Pin</td></tr> <tr><td>AN7379NSHE2</td><td>24 Pin</td></tr> </table>	MM1305XW	8 Pin	BA9750FVE1	14 Pin	AN7379NSHE2	24 Pin	 <table border="1" data-bbox="1458 279 1753 379"> <tr><td>AN6647FA</td><td>32 Pin</td></tr> <tr><td>BA3630KVE1</td><td>48 Pin</td></tr> <tr><td>M34561M6053F</td><td>64 Pin</td></tr> </table>		AN6647FA	32 Pin	BA3630KVE1	48 Pin	M34561M6053F	64 Pin		
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 <table border="1" data-bbox="797 614 1142 842"> <tr><td>2SA1745-7-TL</td><td>2SD1819STX</td></tr> <tr><td>2SB815B7TX</td><td>2SD1935-7TB</td></tr> <tr><td>2SB1218STX</td><td>UN511MTX</td></tr> <tr><td>2SB1219RTX</td><td>UN5110TX</td></tr> <tr><td>2SB1295-6-TB</td><td>UN5114TX</td></tr> <tr><td>2SC4983-67TB</td><td>UN5210TX</td></tr> <tr><td>2SD1328STXRA</td><td></td></tr> </table>	2SA1745-7-TL	2SD1819STX	2SB815B7TX	2SD1935-7TB	2SB1218STX	UN511MTX	2SB1219RTX	UN5110TX	2SB1295-6-TB	UN5114TX	2SC4983-67TB	UN5210TX	2SD1328STXRA		<p>2SA1797QT101</p> 	<p>MA713TXRA</p> 
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2SD1328STXRA																
<p>MA110TX MA728TX</p> 	<p>LN1271RTR</p> 															

■ SCHEMATIC DIAGRAM (See parts list on pages 23~25.)

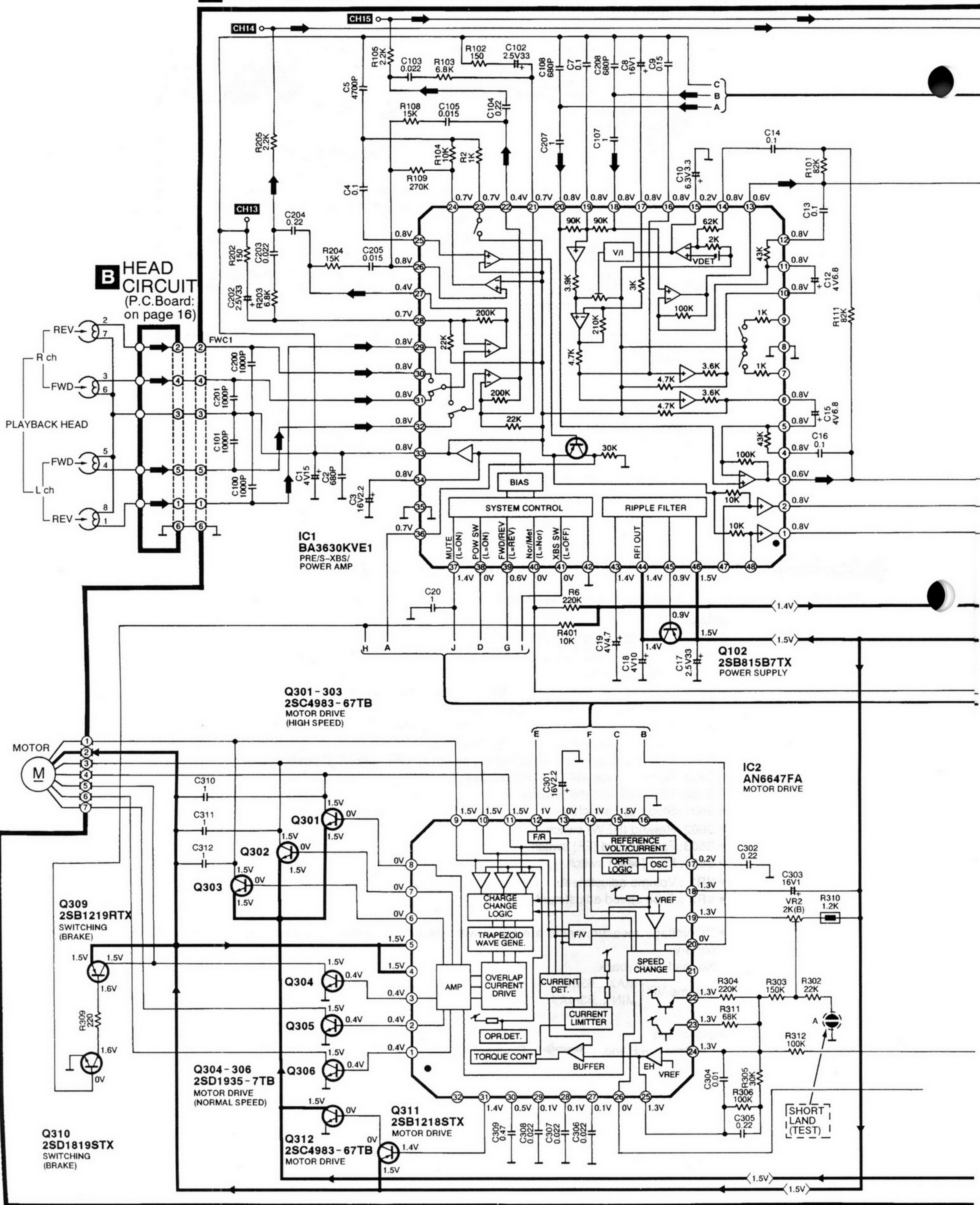
(This schematic diagram may be modified at any time with development of new technology.)

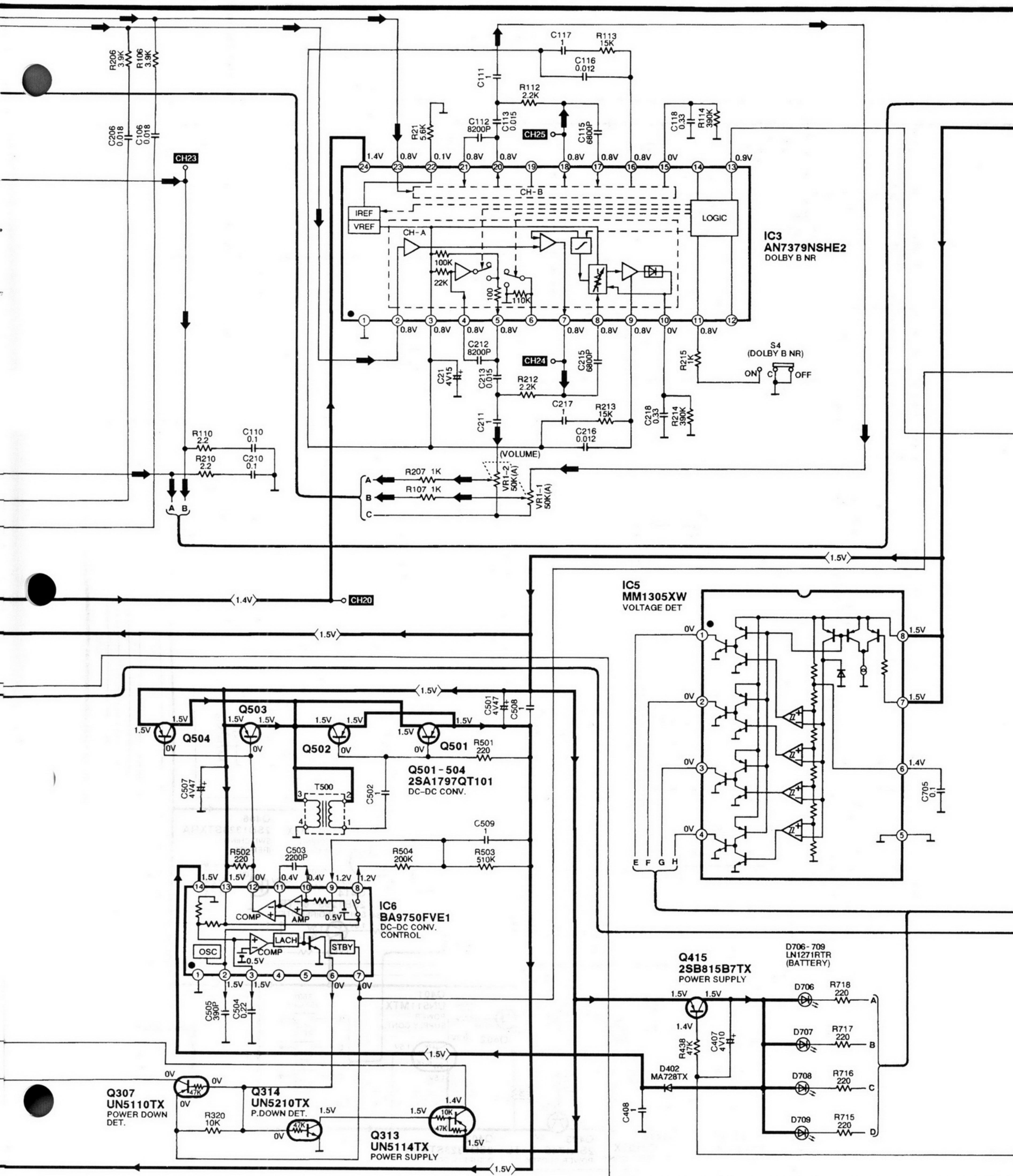
Notes:

- **S1** : FWD/REV switch in "FWD" position.
 - **S3** : B.S OFF/ON,  /  (BLANK SKIP, REVERSE MODE) switch in "" position.
(ON: , OFF: )
 - **S4** : Dolby noise reduction ( NR) switch in "OFF" position.
 - **S5** : HOLD (HOLD) switch in "OFF" position.
 - **S8-1** : Tape IN/OUT det. switch in "OUT(OFF)" position.
[IN(ON)... Tape in, OUT(OFF)...Tape out]
 - **S8-2** : Tape detector (METAL/NORMAL) switch in "OFF (METAL)" position.
 - **S401**: Battery check (BATT. CHECK) switch.
 - **S402**: Tape A/B side det. switch.
 - **S601**: Stop () switch.
 - **S602**: Rewind (REW) switch.
 - **S603**: Fast forward (FF) switch.
 - **S604**: Play () switch.
 - **VR1** : Volume adjustment.
 - **VR2** : Tape speed adjustment.
- DC voltage measurements are taken with electronics voltmeter from negative terminal of battery.
No mark...Playback.
Volume VR $\left\{ \begin{array}{l} \text{MAX...63mA} \\ \text{MIN...63mA} \end{array} \right.$
- Signal line
 : +B line,  : Playback signal.

A MAIN CIRCUIT (P.C.Board: on page 16)

B HEAD CIRCUIT (P.C.Board: on page 16)





A MAIN CIRCUIT (P.C.Board: on page 16)

