

Service Manual

Radio Cassette

RX-F6L

FM-LW-MW-SW Stereo Radio Cassette Recorder



■ SPECIFICATIONS

General:

Power Requirement: Battery; 9V (Six "C" Size Flashlight Batteries)
(National UM-2 or equivalent)
AC; 220V, 50Hz with AC Adaptor
(240V, 50Hz with AC Adaptor...For U.K.)
Car battery; with optional car adaptor RP-917

Power Consumption: AC Adaptor only (10W)

Power Output: 7W (3.5W×2)...MPO

Speaker: Woofer; 10cm (4") PM Dynamic Speaker (3Ω)
Tweeter; 1.5cm (5/8") Ceramic Speaker (700Ω)

Input: MIC; sensitivity 0.25mV/applicable microphone impedance 200~600Ω
LINE IN; sensitivity 200mV/50kΩ over
DC IN; 9V

Output: LINE OUT; sensitivity 420mV/10kΩ under
EXT SP; 3Ω~8Ω
Headphones; 32Ω, 320mV

Dimensions: 412mm(W)×131mm(H)×100mm(D)
(16¹/₄×5³/₁₆×3¹⁵/₁₆")

Weight: 2kg (4 lb. 6.5 oz.) without batteries

Radio Section:

Radio Frequency Range: FM; 87.5~108MHz
LW; 150~285kHz (2,000~1,060m)
MW; 520~1,610kHz (577~186m)
SW; 5.9~18MHz (50.8~16.7m)

Intermediate Frequency: FM; 10.7MHz
AM (LW/MW/SW); 455kHz
AM (LW/MW/SW); 470kHz (For U.K.)

Sensitivity: FM; 2.5μV/500mW output
LW; 251μV/m/50mW output
MW; 141μV/m/50mW output
SW; 10μV/50mW output

Tape Deck Section:

Frequency Response: 100~10,000Hz

Recording System: AC bias, Magnet erase

Tape Speed: 4.8cm/s, (1⁷/₈ ips)

Wow and flutter: 0.2% (WRMS)

Program Time: 1 hour with C-60 cassette tape

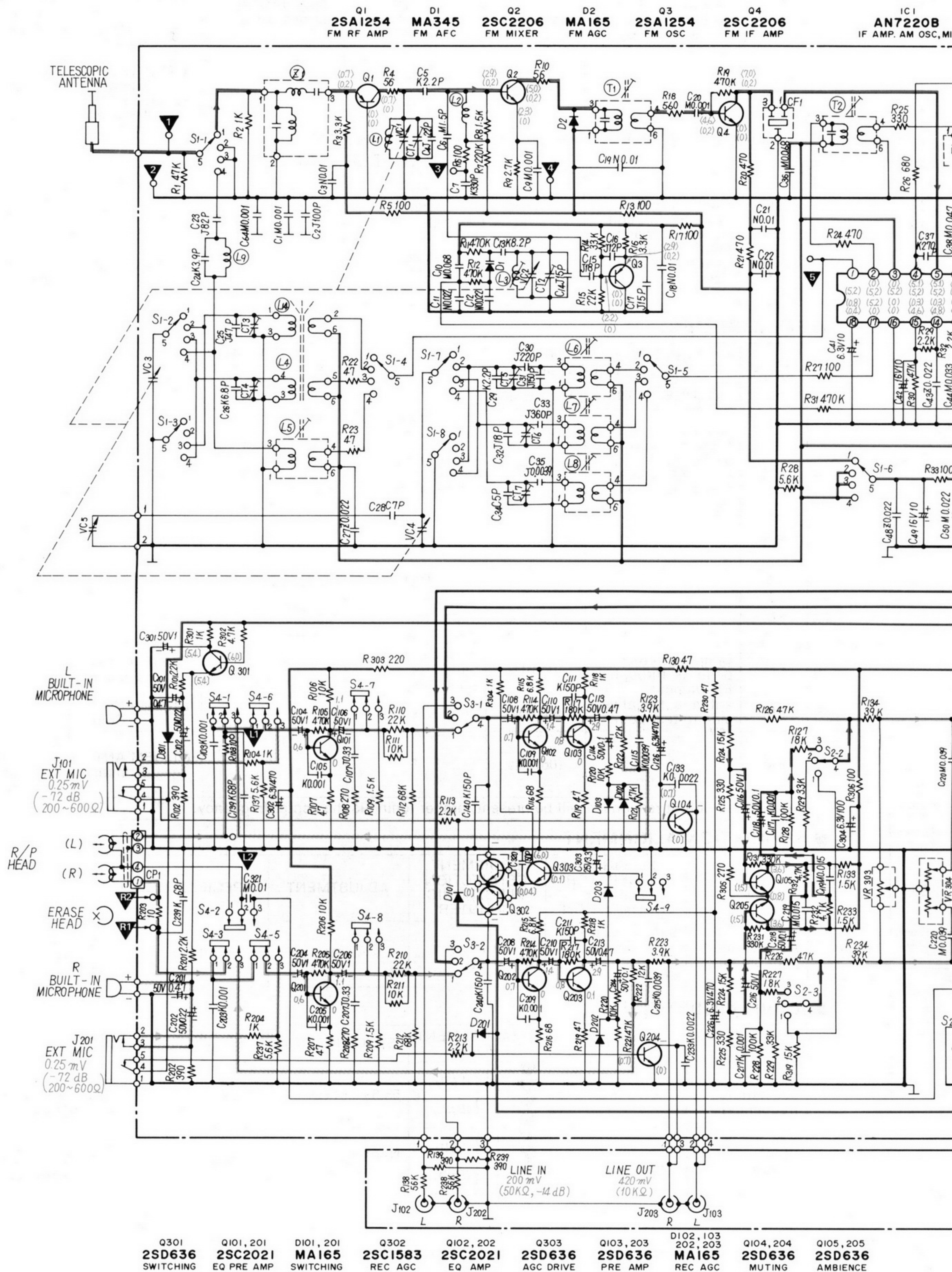
Track System: 4-track 2 channel stereo recording and playback

Specifications are subject to change without notice.

Panasonic

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SCHEMATIC DIAGRAM MO

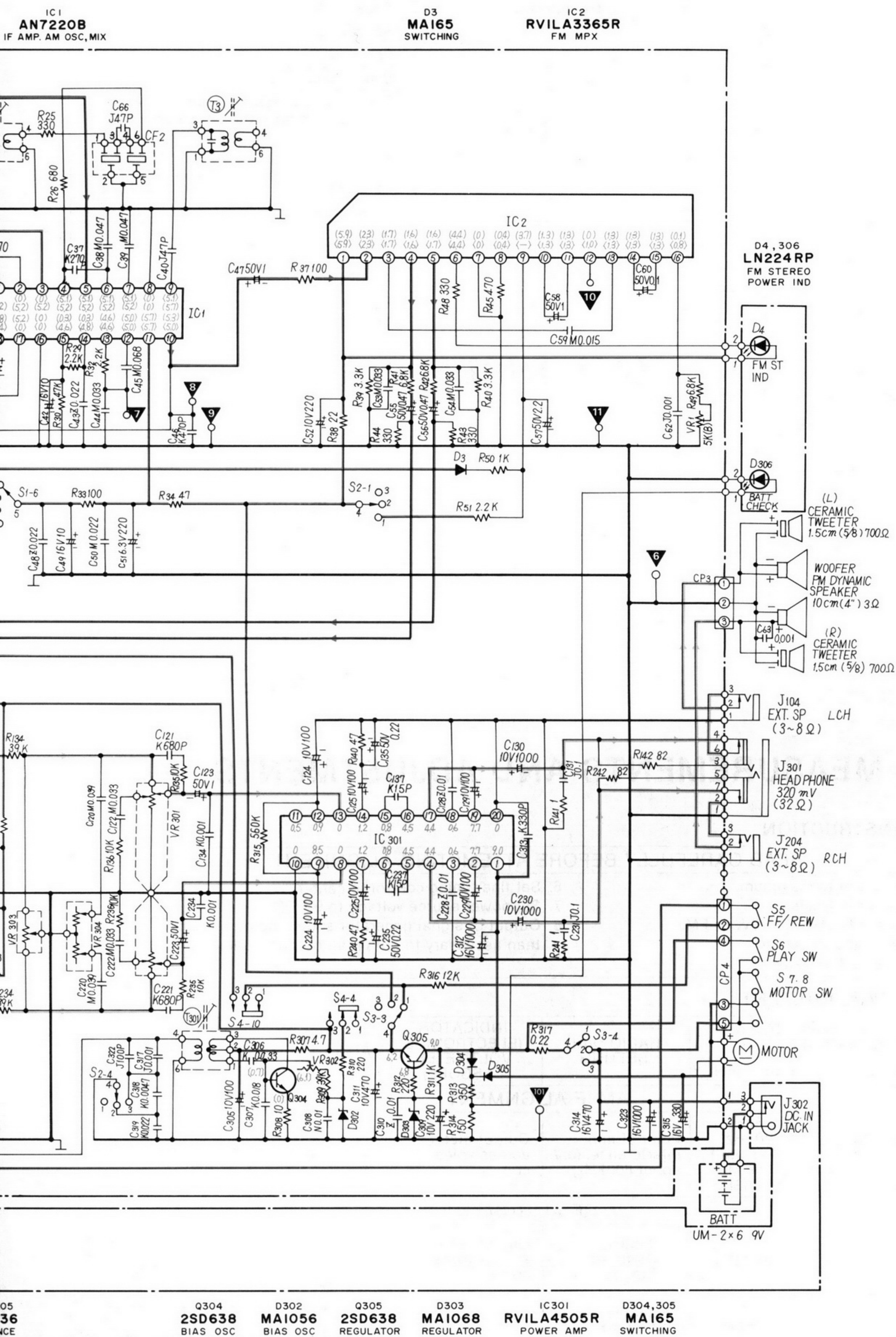


+ (B) Voltage Line

Tape (PLAY BACK) Signal Line

Radio (FM) Signal Line

Tape



05
36
NCE

Q304
2SD638
BIAS OSC

D302
MA1056
BIAS OSC

Q305
2SD638
REGULATOR

D303
MA1068
REGULATOR

IC301
RVILA4505R
POWER AMP

D304,305
MA165
SWITCHING

Tape (RECORD) Signal Line

Ambience (DELAY) Signal