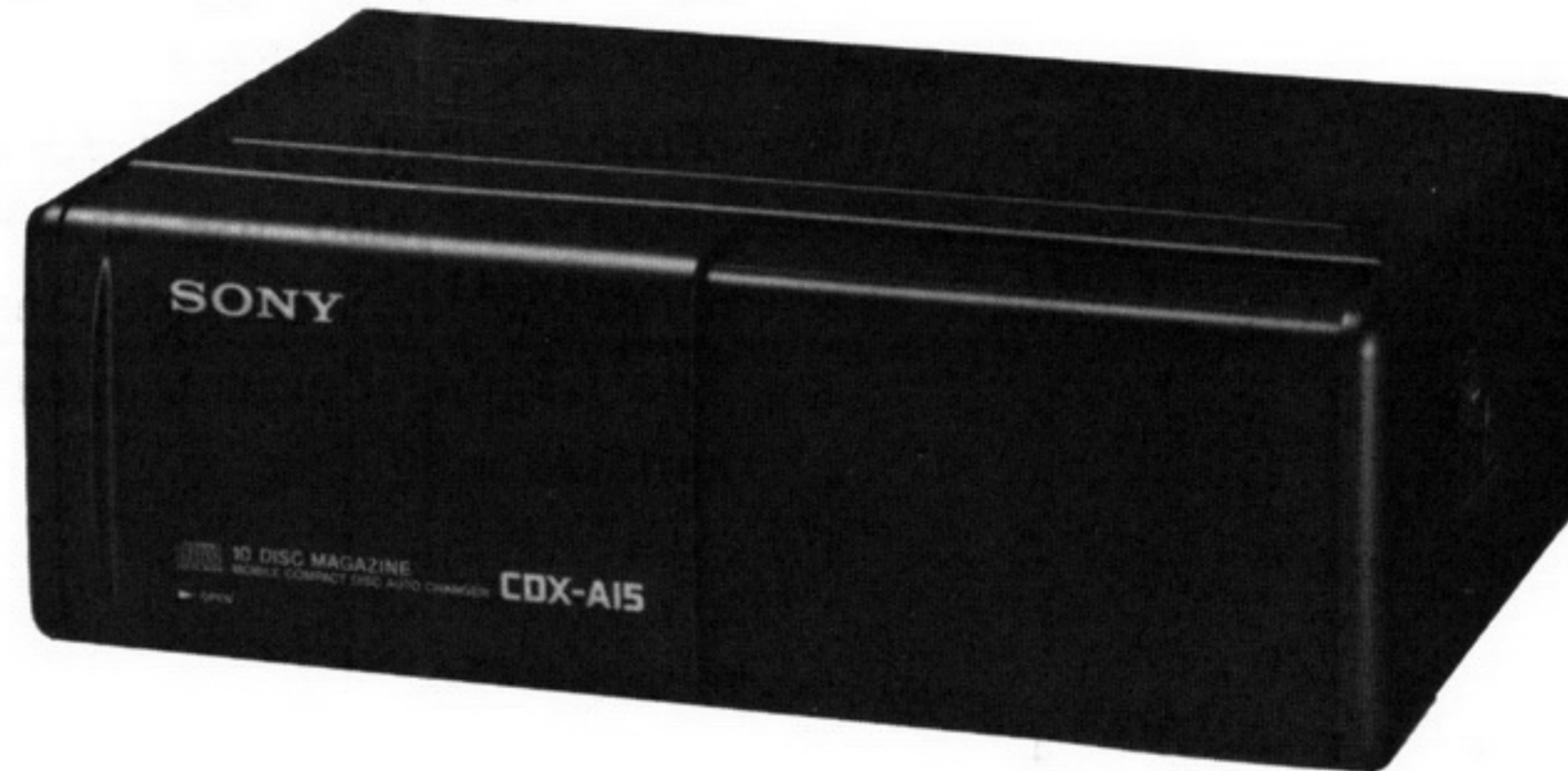


CDX-A15

SERVICE MANUAL

AEP Model



SPECIFICATIONS

System

Compact disc digital audio system

Laser diode properties

Material: GaAlAs

Wavelength: 780 nm

Emission duration: Continuous

Laser output power: Less than 44.6 μ W*

* This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block.

D-A conversion

16-bit linear

Frequency response

5-20,000 Hz \pm 1 dB

Signal-to-noise ratio

90 dB

Wow and flutter

Below measurable limit

Outputs

Line output (for changer connector only)

General

Current drain

800 mA (CD playback)

800 mA (during disc loading or eject)

Operating temperature

-10°C-55°C (14°F-131°F)

Mounting dimensions

Approx. 301 x 98 x 200 mm (w/h/d)

(11 $\frac{7}{8}$ x 3 $\frac{7}{8}$ x 7 $\frac{7}{8}$ in.)

not incl. projecting parts and controls

Weight

Approx. 3 kg (6 lb 10 oz)

Supplied accessories

Disc magazine (1)

Mounting hardware (1 set)

Extension cord (1)

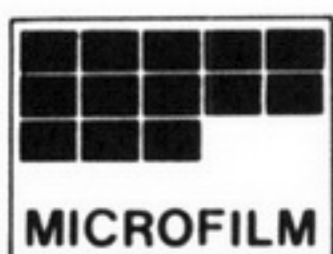
Optional accessory

Compact disc single adaptor CSA-8

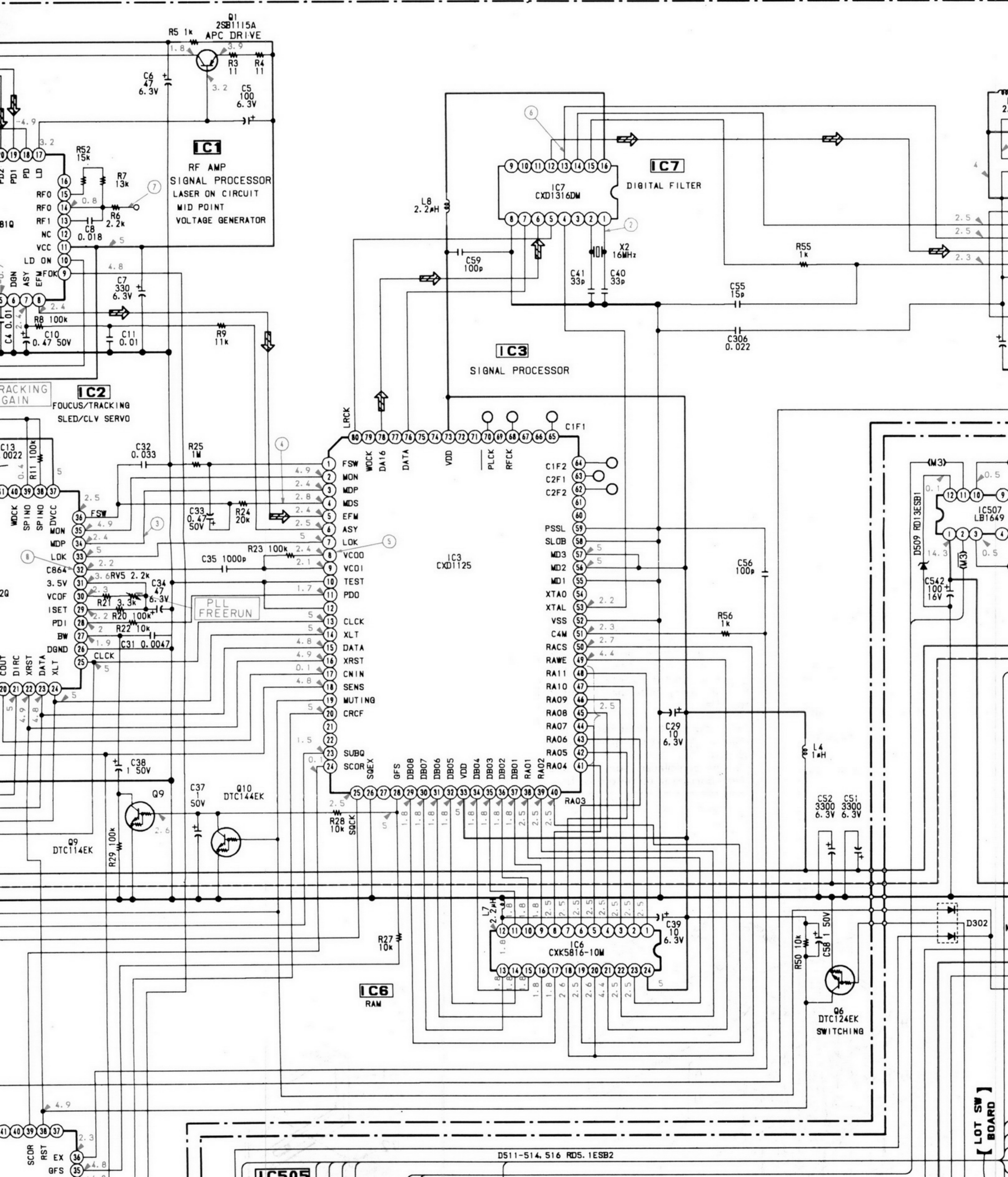
Design and specifications subject to change without notice.

FEATURES

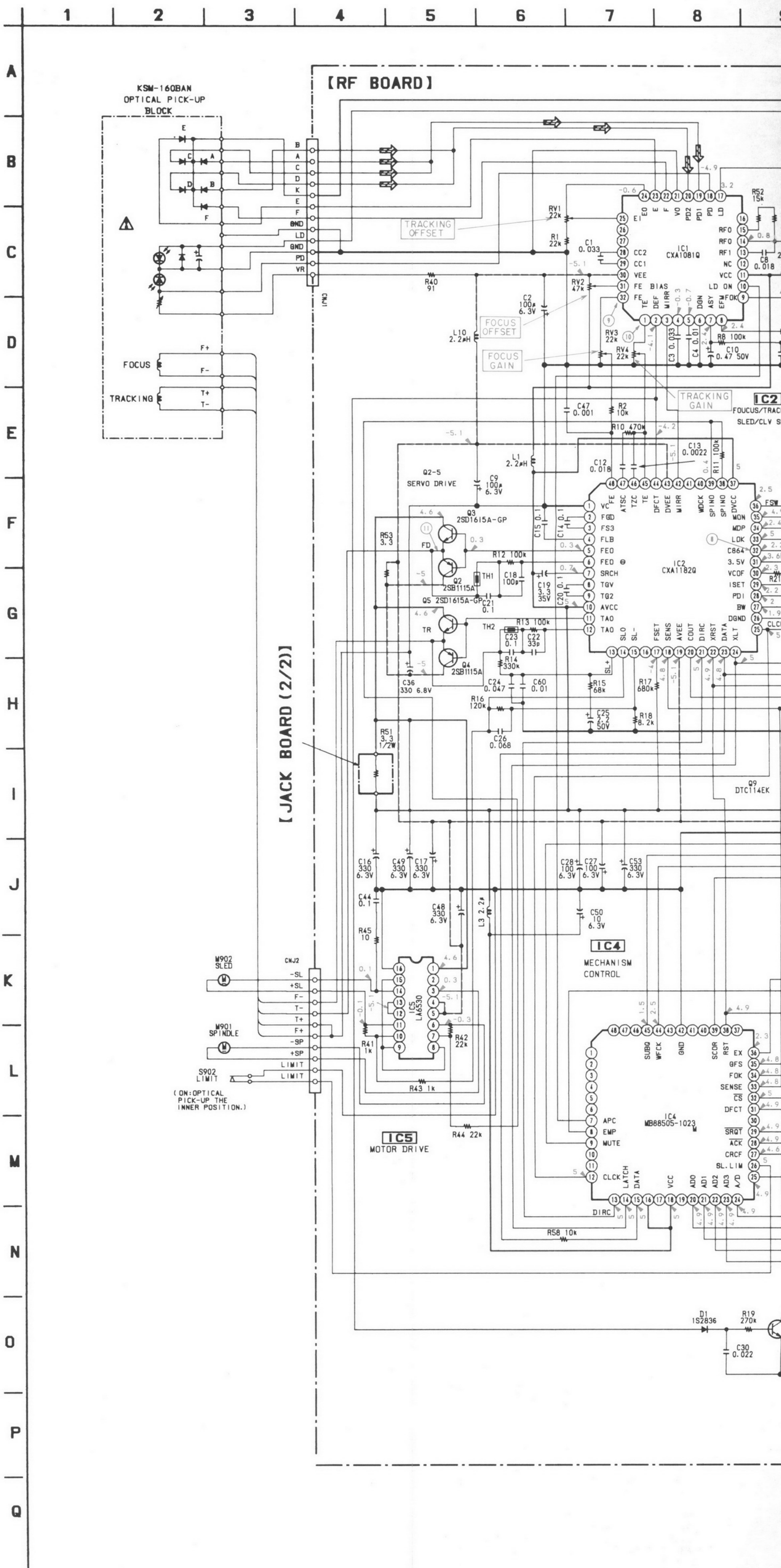
- **Mobile CD auto changer** automatically changes the discs in the disc magazine and enables you to play the desired selections of the 10 discs.
- **Compact and space-saving** for either vertical or horizontal installation in the car.
- The connected equipment enables you to operate the changer in the car.
- High quality sound obtained with the 4 fs digital filter.



COMPACT DISC PLAYER
SONY®



LOT SW BOARD

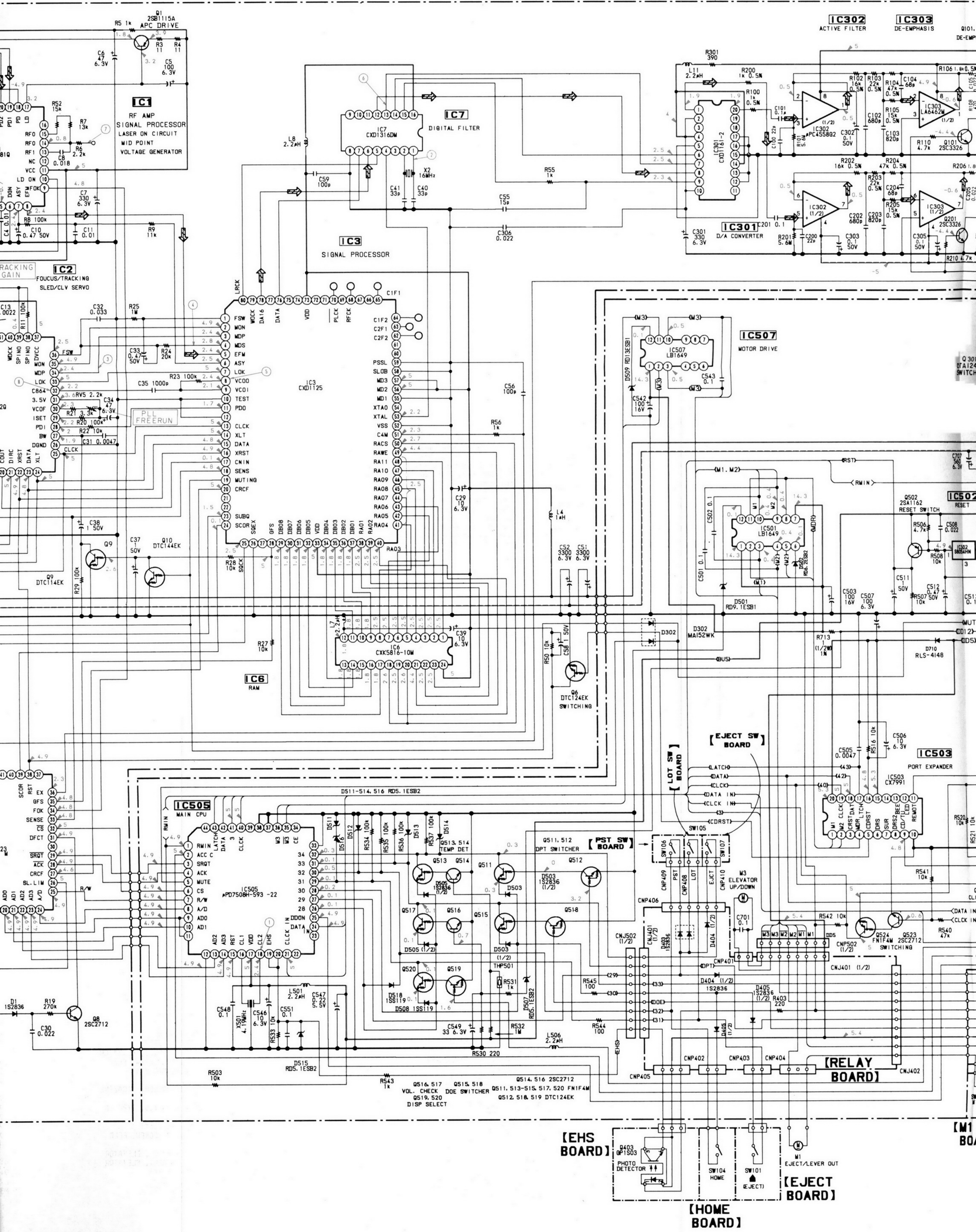


Note:

- All capacitors are in μF unless otherwise noted. pF: μpF
- 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}$ W or less unless otherwise specified.

<p>Note:</p> <p>The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.</p>	<p>Note:</p> <p>Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.</p>
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- — : B+ Line.
- - - - : B- Line.
- □ : adjustment for repair.
- Power voltage is dc 14.4 V and fed with regulated dc power supply from CNP501.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
- Voltages are taken with a VOM (10 M Ω/V). Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- **Signal path.**
- \Rightarrow : CD
- On voltage measurement, RF board ground should be connected to the chassis ground.



A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q

