SCHEMATIC DIAGRAM

TUNER FRONT-END

0036 TUNER BOARD

5027 EQ AMPLIFIER BOARD 1/2

9025 TONE AMPLIFIER BOAR 1/2

7105 SWITCH BOARD 1/2

7118 FM DOLBY CAL. BOARD

7110 DOLBY NR BOARD

PLL VCO

SEPARATION

TUNENG METER

AM METER LEVEL

METER LEVEL

TREBLE

PHONO 1

PHNON 2

MIC

IN TAPE2 OUT

IN TAPE2 OUT

TAPE1

SCHEMATIC DIAGRAM

NAD Model 300

Stereo Receiver

TUNER BOARD

[V] FM MUTING ON

(V) FM STEREO

STEREO IND LAMP

TUNING METER

8025
POWER & PROTECTION
BOARD 1/2

6038 MAIN AMPLIFIER BOARD

7105 SWITCH BOARD 1/2

7110
DOLBY NR BOARD

POWER & PROTECTION
BOARD 1/2

DUAL LAMPS 8V, 250mA X7

METER LAMPS

DIAL POINTER LAMP 6V, 60mA

HEADPHONES

A SPK

B SPK

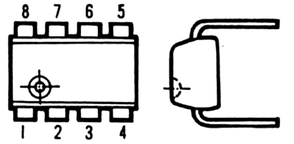
LEFT CHANNEL

AC 50Hz 220V (120V 240VAC)

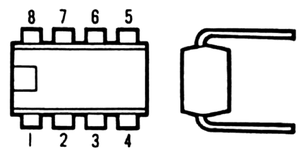
3A FUSE

S1 SELECTOR
S2 TAPE MONITOR
S3 TAPE DUBBING
S4 DOLBY
S5 LOUDNESS
S6 MODE(STEREO-MONO)
S7 SUBSONIC FILTER
S8 HIGH FILTER
S9 400Hz DOLBY TONE
S10 HIGH BLEND
S11 METER
S12 MUTING
S13 NORMAL-SEPARATED
S14 POWER
S15a,b THERMAL PROTECECTOR
S16 " "
S17 SPEAKERS
S18 PHONO 2/MIC

IC LA1222



IC RC4558DN-F



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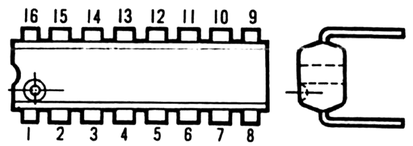
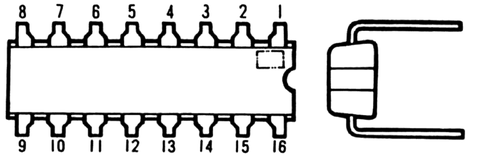


IC NE545B



5027 EQ AMPLIFIER BOARD 1/2

7118 FM DOLBY CAL. BOARD

VR791 FM DOLBY CAL.
VR792 DOLBY PLAY CAL.
VR793 DOLBY REC. LEVEL

9025 TONE AMPLIFIER BOARD 1/2

7105 SWITCH BOARD 1/2

PHONO 1
PHONO 2
MIC
IN
TAPE2
OUT
TAPE1
P.B./REC.
AUX

TREBLE
VOLUME
BASS

2SA762-2
2SC1431
2SB557
2SD427
2SA750
2SA733
2SA640
2SC1400

7110
DOLBY NR BOARD

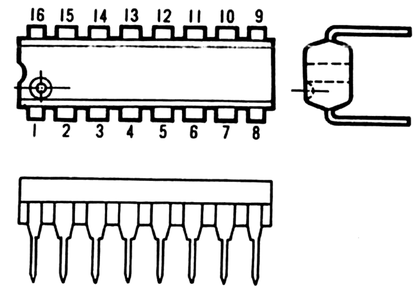
7105 SWITCH BOARD 1/2

POWER & PROTECTION
BOARD 1/2

6038 MAIN AMPLIFIER BOARD

S1	SELECTOR
S2	TAPE MONITOR
S3	TAPE DUBBING
S4	DOLBY
S5	LOUDNESS
S6	MODE(STEREO-MONO)
S7	SUBSONIC FILTER
S8	HIGH FILTER
S9	400Hz DOLBY TONE
S10	HIGH BLEND
S11	METER
S12	MUTING
S13	NORMAL-SEPARATED
S14	POWER
S15a,b	THERMAL PROTECECTOR
S16	" "
S17	SPEAKERS
S18	PHONO 2/MIC
K1a,b	A:CH SPEAKER PROTECTION RELAY
K2a,b	B:CH SPEAKER PROTECTION RELAY

IC LA3350



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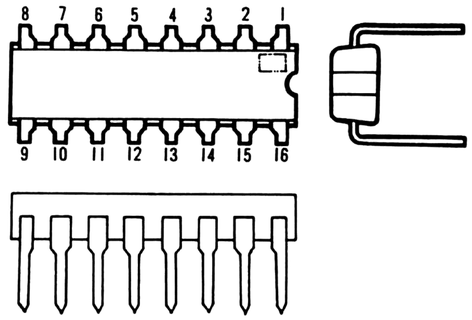
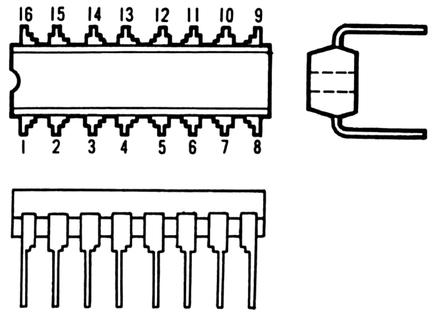
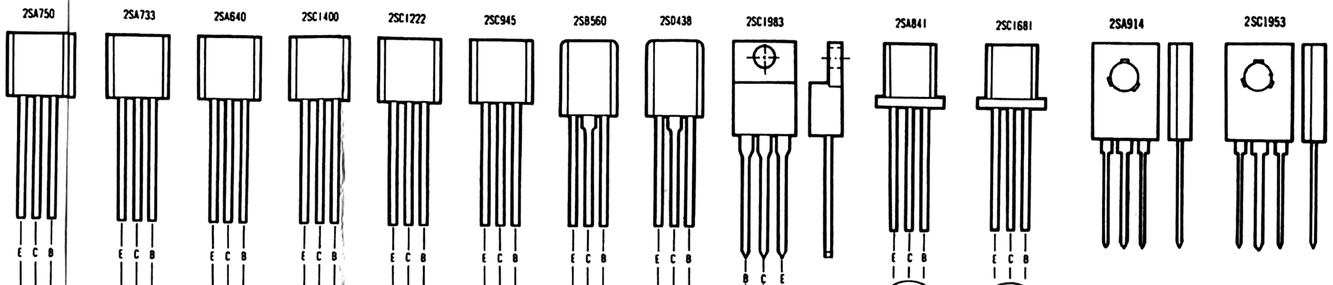


IC μPC30C





Note: 1. Resistance values are indicated in ohms unless otherwise specified (K=1,000, M=1,000,000).
2. Capacitance values are shown in microfarads unless otherwise noted (P=micro-microfarads).
3. Voltages are measured with respect to chassis ground in No Signal.
( )1,000 μV FM stereo signal.
[ ]volts with FM MUTING ON.