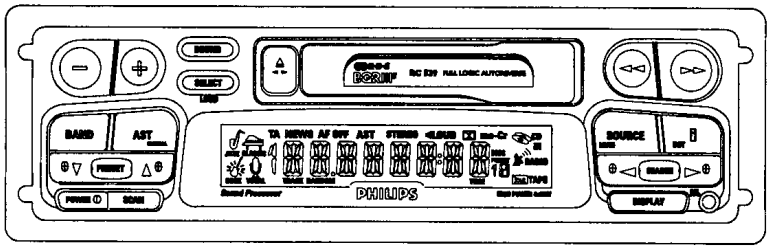
# Cassette car radio 22RC539/00
# 22RC569/00

Service
Service
**Service**



For repair information of the cassette deck see Service Manual of Auto Cassette Deck SCA-R3.1

# Service Manual

**12 V**

For these sets, please refer to Service Manual 4822 725 25858, of 22RC529 and 559. Information on RC539 must be used for RC539 and RC559 must be used for RC569.
The main differences are complete new detachable fronts, and some electrical changes in SP and TA schematic diagrams.
This Manual contains also a complete electrical partslist,the new exploded view, the new front schematic and layout and some updated pages.

| Contents | page |
|---|---|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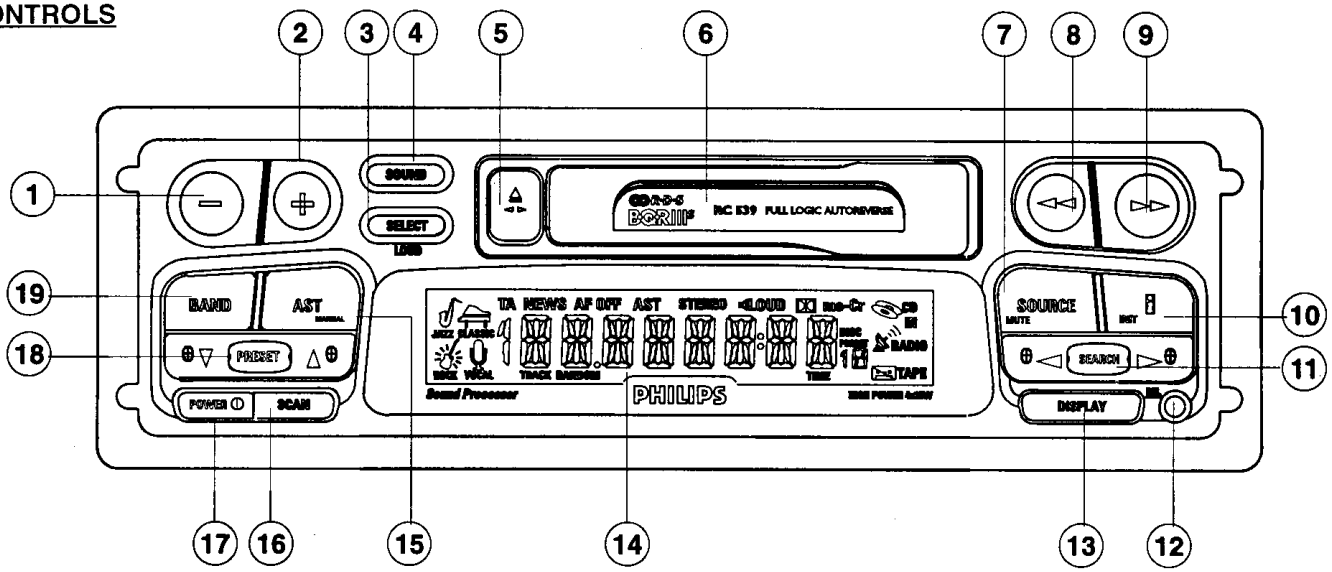
PHILIPS

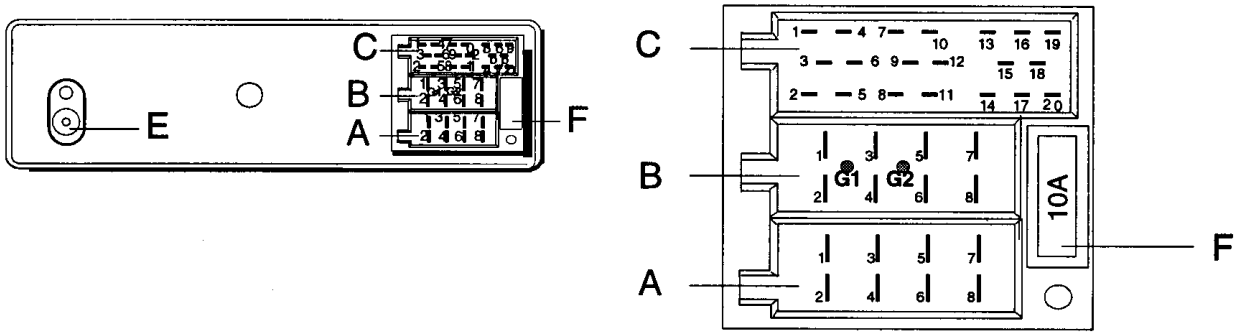
## CONTROLS




| | | | |
|---|---|---|---|
| 1 | VOL- | 11 | SEARCH / *TRACK* |
| 2 | VOL+ | 12 | RELEASE BUTTON FOR DETACHABLE UNIT |
| 3 | AUDIO SELECTION / LOUDNESS | 13 | FREQUENCY / PTY / *DOLBY* |
| 4 | SOUND | 14 | DISPLAY |
| 5 | EJECT CASSETTE/REVERSE | 15 | AUTOSTORE / MANUAL |
| 6 | CASSETTE OPENING | 16 | SCAN |
| 7 | SOURCE SELECTION / MUTE | 17 | ON / OFF |
| 8 | FRW BUTTON | 18 | PRESET SELECTION / *DISC SELECTION* |
| 9 | FFW BUTTON | 19 | BAND / *RANDOM* |
| 10 | TRAFFIC INFORMATION NEWS/INIT MODE | | |

*ONLY RC569/00*

## CONNECTIONS




| | | | | | |
|---|---|---|---|---|---|
| A1 | Phone Mute | B1 | Rear Right + | (C : Only 569/00) | |
| A2 | Remote Ground | B2 | Rear Right - | C1 | Line-Out Rear Left |
| A3 | Remote Input | B3 | Front Right + | C2 | Line-Out Rear Right |
| A4 | +12V Permanent | B4 | Front Right - | C3 | Line-Out Ground |
| A5 | +12V Switched (antenna supply) | B5 | Front Left + | C4 | Line-Out Front Left |
| A6 | | B6 | Front Left - | C5 | Line-Out Front Right |
| A7 | +12V Ignition Key or Permanent | B7 | Rear Left + | C6 | +12V Switched |
| A8 | Ground | B8 | Rear Left - | C7 | |
| | | | | C8 | |
| | | | | C9 | |
| G1 | Gateway | | | C10 | |
| G2 | Gateway | | | C11 | |
| | | | | C12 | |
| | | | | C13 | Bus D2B+ |
| E | Aerial Plug | | | C14 | Bus D2B- |
| | | | | C15 | Bus Ground |
| F | Fuse 10A | | | C16 | +12V Permanent |
| | | | | C17 | +12V Switched |
| | | | | C18 | Input Reference |
| | | | | C19 | Input Left |
| | | | | C20 | Input Right |

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## CHECKS AND ALIGNMENTS

No alignment is needed for radio part. IC96 tuner is pre-aligned.

For all measurement, please refer to "General Check & Alignment procedures for Car Systems' 4822 725 25456, unless otherwise stated.

Checks:

- Supply voltages (set Off)

| SET OFF | Voltage | Current + Acc ON | V reset Pin 4 µP | Vdd Pin 40 µP | V hold Pin 8 µP | Current + Acc OFF |
|---|---|---|---|---|---|---|
| Acc supply | +14.4V | < 3mA | min Vdd x 0.7 | min 4.5V max 5.5V | max Vdd x 0.3 | < 1.5mA |

- Supply voltages (set On)

| V reset pin 4 µP | V pin 40 µP | V hold pin 8 µP | V 5V E 7417 | V 8.5V E 7418 | V EEprom pin 8 |
|---|---|---|---|---|---|
| max Vdd x 0.7 | min 4.5V max 5.5V | min Vdd x 0.7 | min 4.7V max 5.4V | min 8.0V max 8.9V | min 4.5V max 5.5V |

- Reference oscillator frequencies

| device | µP 7500 | SAA6579 7260 | MSM6307 7600 (CDC only) |
|---|---|---|---|
| pin | 3 | 13 | 25 |
| frequency | 8 MHz 0.5% | 4.332 MHz 20ppm | 6 MHz 0.5% |

- Line out (RC569 only)

Conditions: 98MHz, fm = 1KHz, Δf = 11.25KHz, lines outputs loaded with 10k resistors.
Output = 500 mV ± 2dB at volume max.

Deck part

Use test cassette SBC420 4822 397 30071 unless otherwise stated.

| Tape speed and flutter: Use 3.15KHz test tone | Supply voltage | Tape speed | Flutter (wtd) |
|---|---|---|---|
| | 10.5 - 16 V | 4.76cm/s +3% -1% | < 0.35% |

| Crosstalk : use 1KHz 0dB crosstalk signal | < -30dB at speakers output R & L |
|---|---|

FM part

- Demodulated FM levels

| Input | Output of IC96 ( pin 15 & 16 ) |
|---|---|
| 98 MHz | 300 mV ± 50 mV |

- Limiting point α-3dB

| Range | Input | min | nominal | max |
|---|---|---|---|---|
| 87.5 to 108 MHz | 1Khz | 4µV | 7µV | 12µV |

- Check of search levels

| Search levels | Input | Dx: 7µV < X < 23µV<br>Local : 120µV < X < 360µV |
|---|---|---|
| | 98 MHz | |

- Pause detector

| f = 94MHz fm = 1KHz | Δf = 0.6KHz | Pin 6 of 7230 < 0.8V |
|---|---|---|
| | Δf = 3.5KHz | Pin 6 of 7230 > 2.0V |

AM part

- Usable sensivity 26dB S/N

| | | | | | |
|---|---|---|---|---|---|
| Sensivity at 26dB S/N | 207 KHz | m = 30% | 1KHz | < 38µV | typ 28 |
| | 1053 KHz | | | < 30µV | typ 22 |

- Check of search levels

Conditions: start with set in FM DX mode, change to AM = 1053KHz

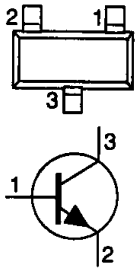
| | | |
|---|---|---|
| Search levels | Input | low : 35µV < X < 140µV<br>high : 7µV < X < 28µV |
| | 1053KHz | |

## INTEGRATED CIRCUITS

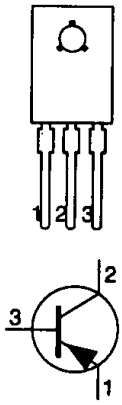
**SAA6579T** Radio Data System demodulator

| SYMBOL | PIN | DESCRIPTION |
|---|---|---|
| QUAL | 1 | quality indication output |
| RDDA | 2 | RDS data output |
| $V_{ref}$ | 3 | reference voltage output (0.5 $V_{DDA}$) |
| MPX | 4 | multiplex input signal |
| $V_{DDA}$ | 5 | +5V supply voltage for analog part |
| $V_{SSA}$ | 6 | ground for analog part (0V) |
| CIN | 7 | subcarrier input to comparator |
| SCOUT | 8 | subcarrier output for reconstruction filter |
| TCTR | 9 | test control |
| TEN | 10 | test enable |
| $V_{SSD}$ | 11 | ground for digital part (0V) |
| $V_{DDD}$ | 12 | +5V supply voltage for digital part |
| OSCI | 13 | oscillator input |
| OSCO | 14 | oscillator output |
| T57 | 15 | 57kHz clock signal output |
| RDCL | 16 | RDS clock output |


BC847B

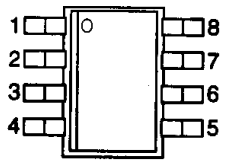



BD438



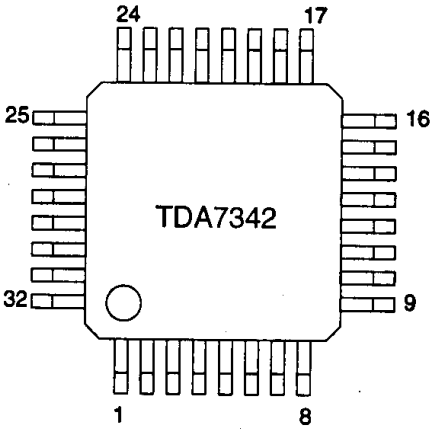

**MC4558** Dual op amp

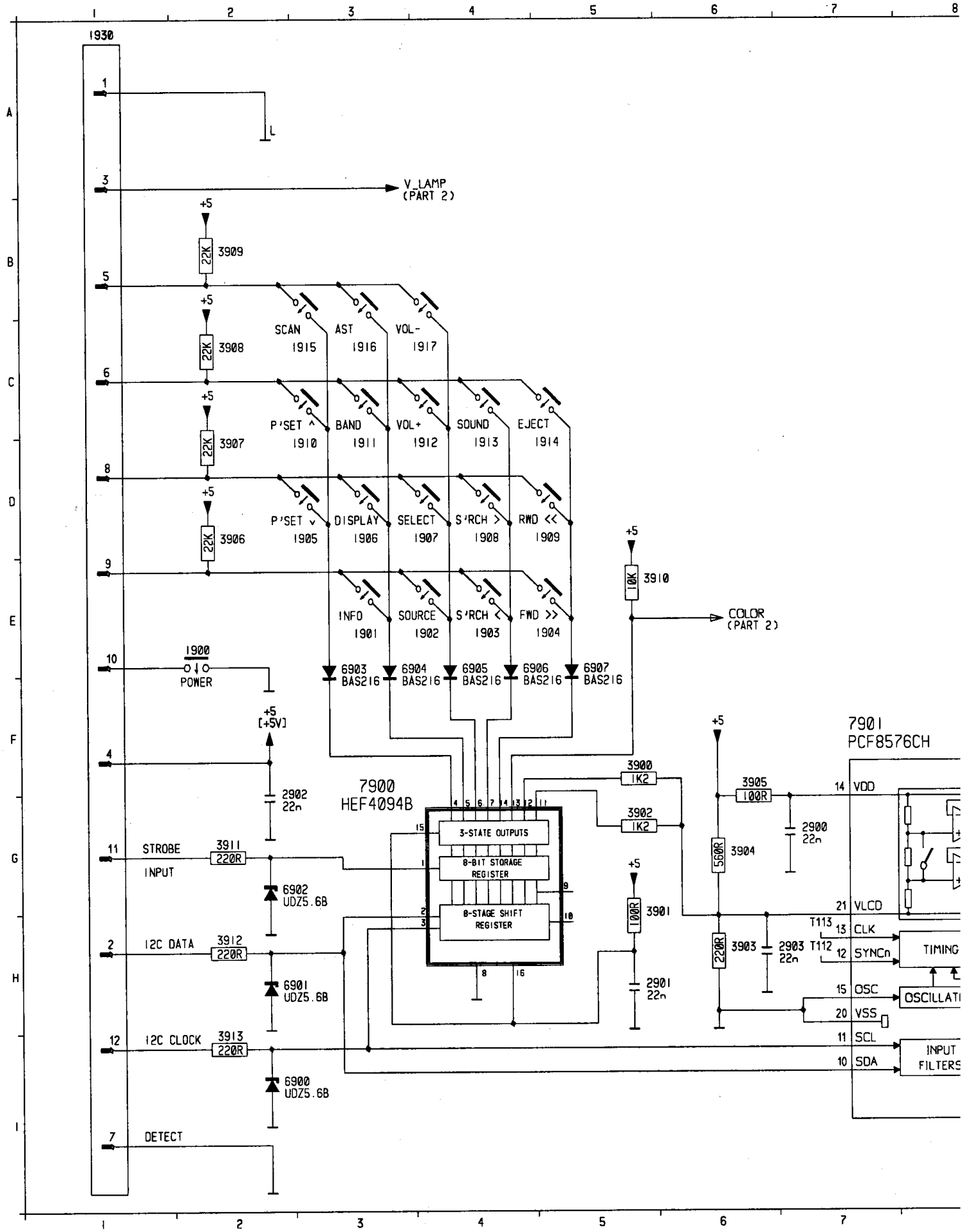
| PIN | DESCRIPTION |
|---|---|
| 1 | Output 1 |
| 2 | Inverting input 1 |
| 3 | Non inverting input 1 |
| 4 | Vcc - |
| 5 | Non inverting input 2 |
| 6 | Inverting input 2 |
| 7 | Output 2 |
| 8 | Vcc + |




**TDA7342** Digitally controlled audio processor

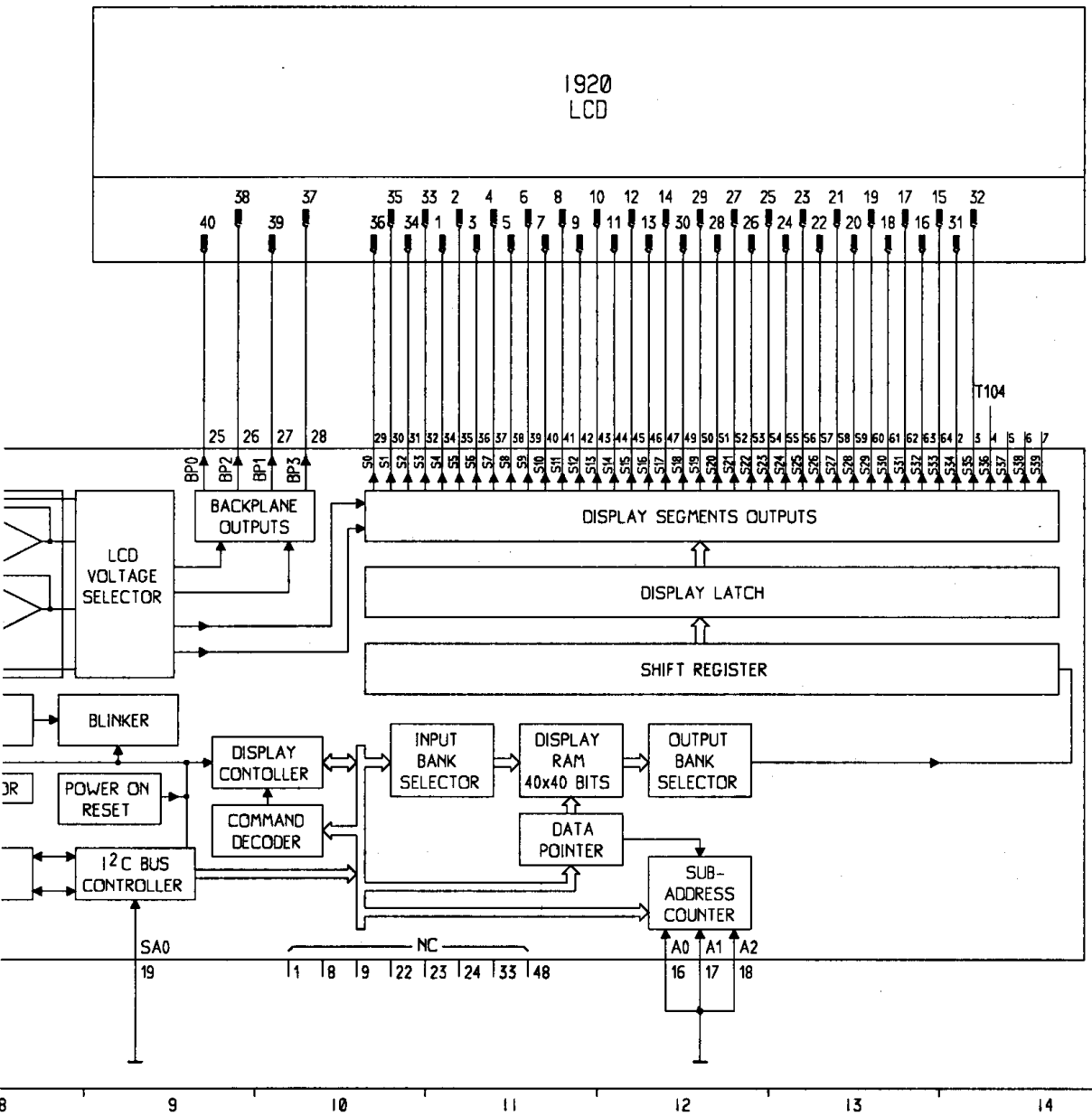
| SYMBOL | PIN | DESCRIPTION | SYMBOL | PIN | DESCRIPTION |
|---|---|---|---|---|---|
| TR R | 1 | Treble control capacitor right | BIN L | 17 | Bass control input left |
| IN R | 2 | Input right | BOUT L | 18 | Bass control output left |
| OUT R | 3 | Output right | BIN R | 19 | Bass control input right |
| LOUD R | 4 | Input loudness, right control part | BOUT R | 20 | Bass control output right |
| IN R3 | 5 | Input 3 right source (CD) | SM | 21 | Soft mute control |
| IN R2 | 6 | Input 2 right source | OUT RR | 22 | Output rear right |
| IN R1 | 7 | Input 1 right source | OUT LR | 23 | Output left right |
| MONO | 8 | Input mono source | OUT RF | 24 | Output right front |
| LOUD L | 9 | Input loudness, left control part | OUT LF | 25 | Output left front |
| CD GND | 10 | Ground input CD | DIG GND | 26 | Bus ground |
| IN L3 | 11 | Input 3 left source (CD) | SDA | | I2C Data |
| IN L2 | 12 | Input 2 left source | SCL | 28 | I2C Clock |
| IN L1 | 13 | Input 1 left source | CREF | 29 | Supply reference capacitor |
| CSM | 14 | Soft mute control capacitor | Vs | 30 | Supply voltage |
| IN L | 15 | Input right | GND | 31 | Ground |
| OUT L | 16 | Output left | TRL | 32 | Treble control capacitor left |



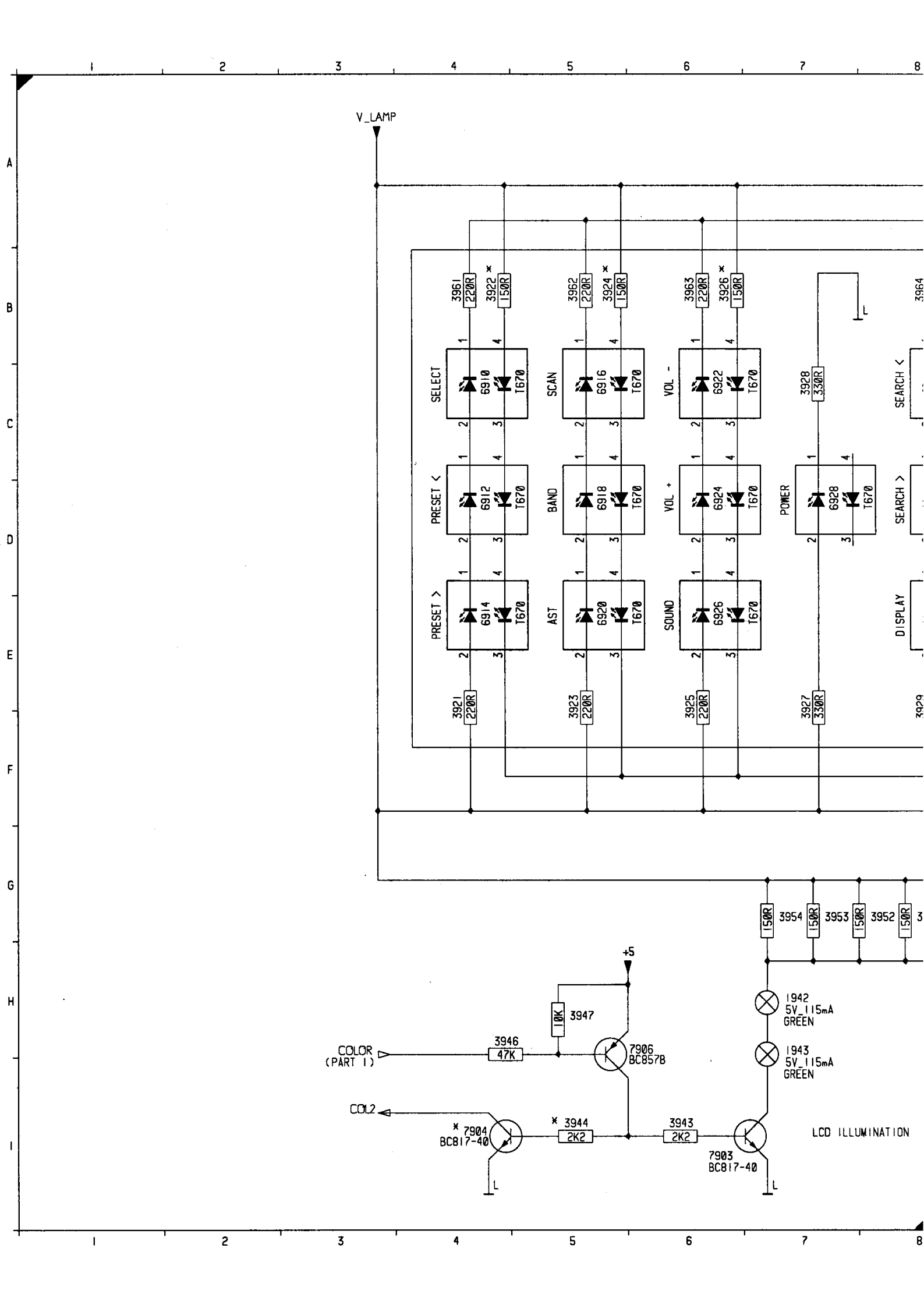

1930
L
V_LAMP (PART 2)
+5
22K 3909
22K 3908
22K 3907
22K 3906
SCAN 1915
AST 1916
VOL- 1917
P'SET ^ 1910
BAND 1911
VOL+ 1912
SOUND 1913
EJECT 1914
P'SET v 1905
DISPLAY 1906
SELECT 1907
S'RCH > 1908
RWD << 1909
INFO 1901
SOURCE 1902
S'RCH < 1903
FWD >> 1904
10K 3910
COLOR (PART 2)
1900
POWER
6903 BAS216
6904 BAS216
6905 BAS216
6906 BAS216
6907 BAS216
+5 [+5V]
2902 22n
STROBE INPUT
3911 220R
6902 UDZ5.6B
I2C DATA
3912 220R
6901 UDZ5.6B
I2C CLOCK
3913 220R
6900 UDZ5.6B
DETECT
7900 HEF4094B
3-STATE OUTPUTS
8-BIT STORAGE REGISTER
8-STAGE SHIFT REGISTER
3900 1K2
3902 1K2
3901 100R
2901 22n
3905 100R
3904 560R
3903 220R
2900 22n
2903 22n
7901 PCF8576CH
14 VDD
21 VLCD
T113 13 CLK
T112 12 SYNCn
15 OSC
20 VSS
11 SCL
10 SDA
TIMING
OSCILLATI
INPUT FILTERS

**RC539/00**
**RC569/00**

# PART 1 : FULL DETACHABLE FRONT

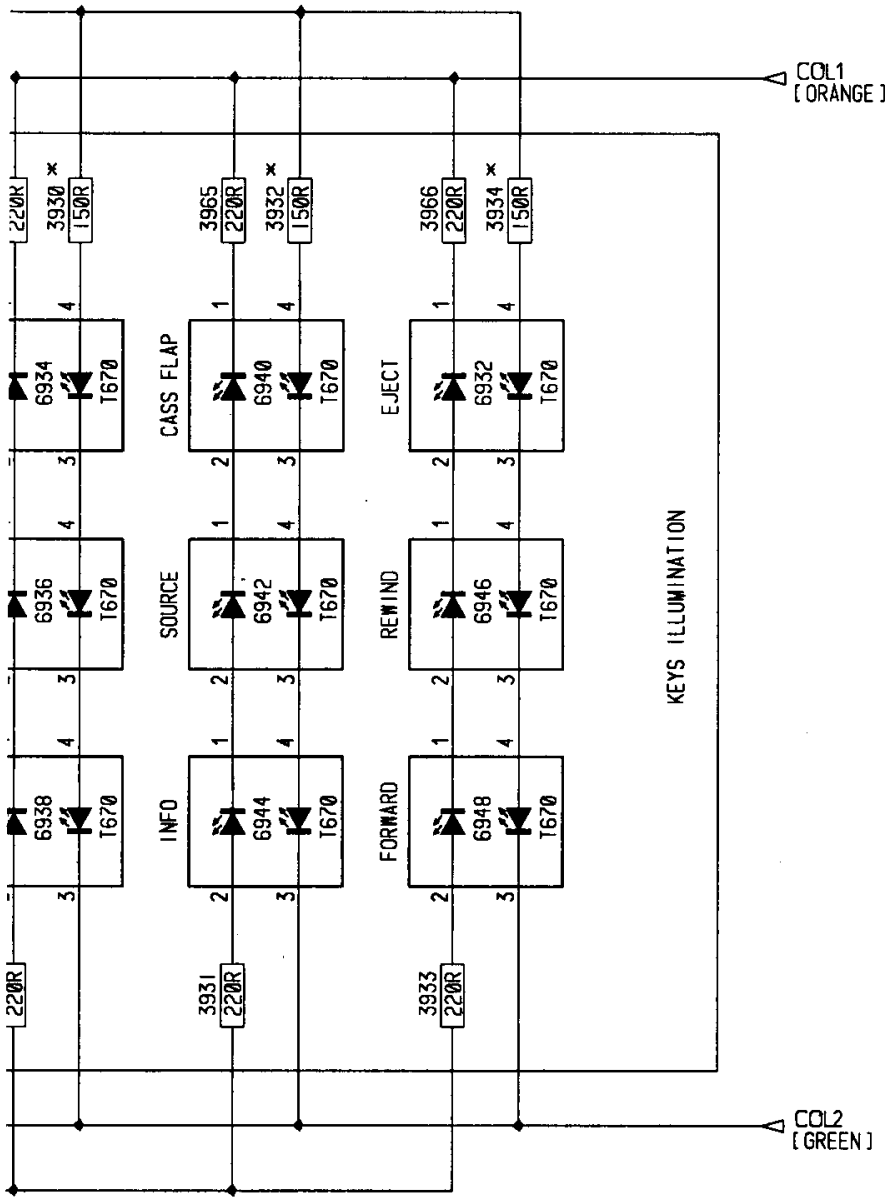



| | | |
|---|---|---|
| A | 1900 | E 2 |
| | 1901 | E 3 |
| | 1902 | E 4 |
| | 1903 | E 4 |
| | 1904 | E 5 |
| | 1905 | D 3 |
| | 1906 | D 3 |
| | 1907 | D 4 |
| | 1908 | D 4 |
| | 1909 | D 5 |
| B | 1910 | D 3 |
| | 1911 | D 3 |
| | 1912 | D 4 |
| | 1913 | D 4 |
| | 1914 | D 5 |
| | 1915 | C 3 |
| | 1916 | C 3 |
| | 1917 | C 4 |
| | 1920 | D 11 |
| | 1930 | A 1 |
| C | 2900 | G 7 |
| | 2901 | H 6 |
| | 2902 | G 3 |
| | 2903 | H 7 |
| | 3900 | F 5 |
| D | 3901 | H 6 |
| | 3902 | G 5 |
| | 3903 | H 6 |
| | 3904 | G 6 |
| | 3905 | F 6 |
| | 3906 | D 2 |
| | 3907 | D 2 |
| | 3908 | C 2 |
| | 3909 | B 2 |
| | 3910 | E 6 |
| E | 3911 | G 2 |
| | 3912 | H 2 |
| | 3913 | I 2 |
| | 6900 | I 3 |
| | 6901 | H 3 |
| | 6902 | G 3 |
| | 6903 | E 3 |
| | 6904 | E 4 |
| | 6905 | E 4 |
| | 6906 | E 5 |
| | 6907 | E 5 |
| | 7900 | F 3 |
| | 7901 | F 7 |


V_LAMP
3961 220R
3922 * 150R
3962 220R
3924 * 150R
3963 220R
3926 * 150R
3928 330R
SELECT
6910
T670
SCAN
6916
T670
VOL -
6922
T670
PRESET <
6912
T670
BAND
6918
T670
VOL +
6924
T670
POWER
6928
T670
SEARCH <
SEARCH >
PRESET >
6914
T670
AST
6920
T670
SOUND
6926
T670
DISPLAY
3921 220R
3923 220R
3925 220R
3927 330R
L
150R 3954
150R 3953
150R 3952
+5
10K 3947
3946 47K
COLOR (PART 1)
7906 BC857B
1942 5V_115mA GREEN
1943 5V_115mA GREEN
COL2
* 7904 BC817-40
* 3944 2K2
3943 2K2
7903 BC817-40
LCD ILLUMINATION

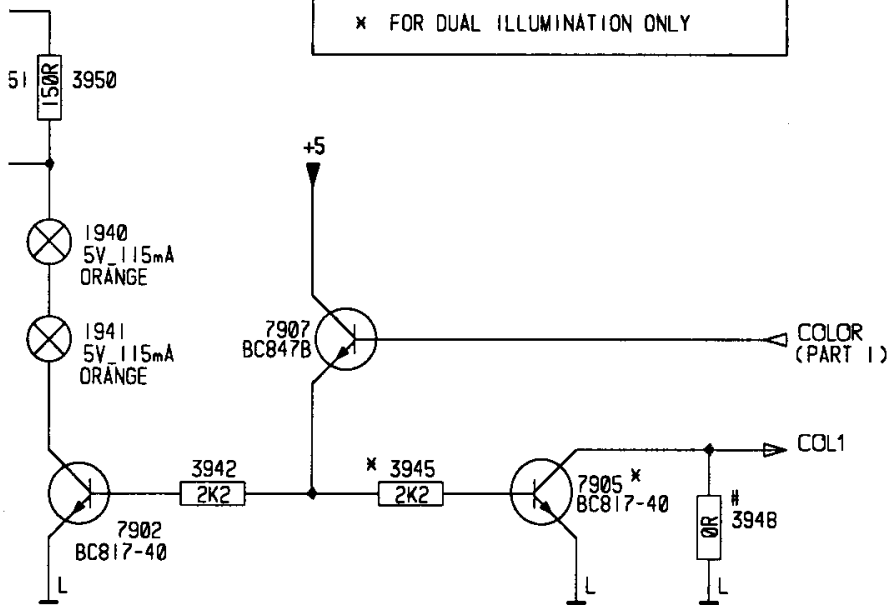
# PART 2 : FULL DETACHABLE FRONT

**RC539/00**
**RC569/00**

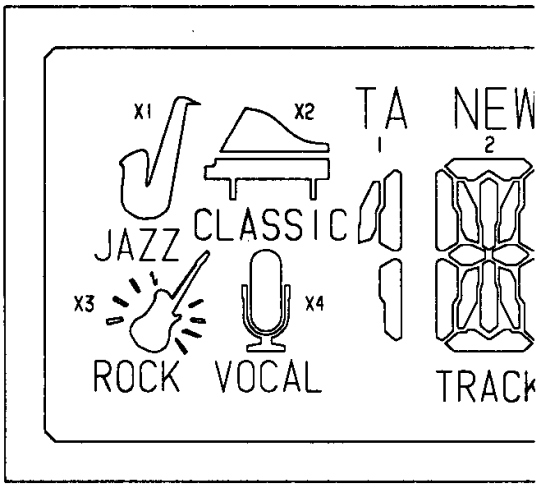



\# FOR SINGLE ILLUMINATION ONLY

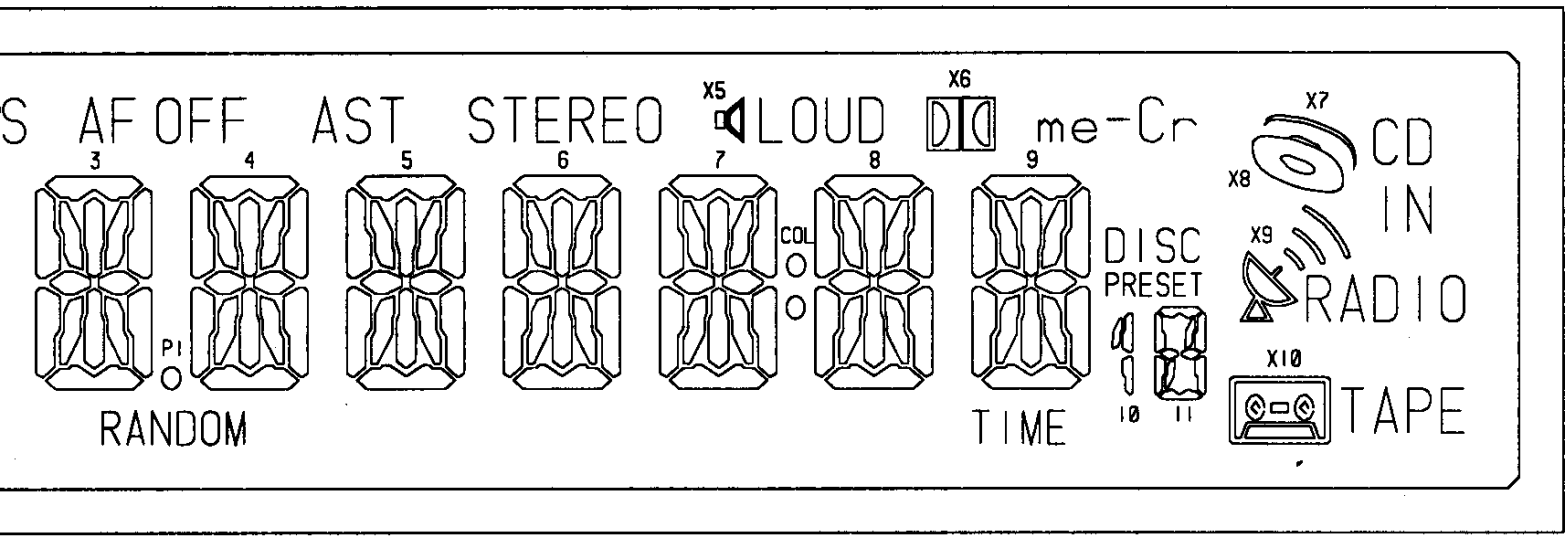
* FOR DUAL ILLUMINATION ONLY

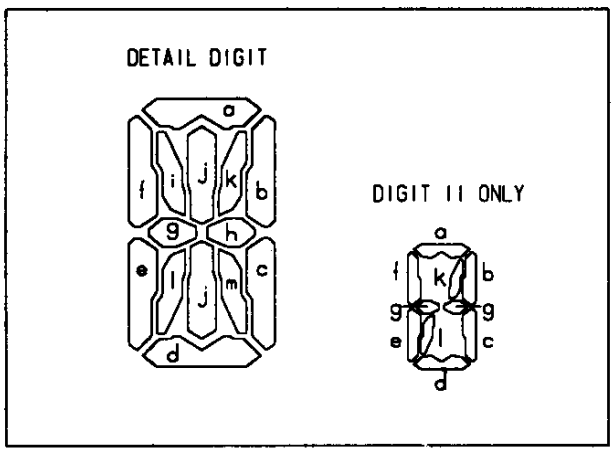


| 7901 DRIVER PINS | 1920 LCD PINS | COM 1 | COM 2 | COM 3 | COM 4 |
|---|---|---|---|---|---|
| 3 | 1 | COM 1 | | | |
| 2 | 2 | | COM 2 | | |
| 49 | 3 | | | COM 3 | |
| 64 | 4 | | | | COM 4 |
| 50 | 5 | 2f | 2g | 2e | 1 b c k |
| 63 | 6 | 2i | 2j | 2l | TA |
| 51 | 7 | 2a | 2k | 2m | 2d |
| 52 | 8 | 2b | 2h | 2c | TRACK |
| 62 | 9 | 3f | 3g | 3e | NEWS |
| 53 | 10 | 3i | 3j | 3l | AF OFF |
| 60 | 11 | 3a | 3k | 3m | 3d |
| 54 | 12 | 3b | 3h | 3c | RANDOM |
| 61 | 13 | 4f | 4g | 4e | PI |
| 59 | 14 | 4i | 4j | 4l | AST |
| 58 | 15 | 4a | 4k | 4m | 4d |
| 57 | 16 | 4b | 4h | 4c | CLASSIC, X2 |
| 56 | 17 | 5f | 5g | 5e | JAZZ, X1 |
| 55 | 18 | 5i | 5j | 5l | ROCK, X3 |
| 47 | 19 | 5a | 5k | 5m | 5d |
| 46 | 20 | 5b | 5h | 5c | VOCAL, X4 |
| 45 | 21 | 6f | 6g | 6e | 11d |
| 44 | 22 | 6i | 6j | 6l | TAPE, X10 |
| 43 | 23 | 6a | 6k | 6m | 6d |
| 42 | 24 | 6b | 6h | 6c | RADIO, X9 |
| 41 | 25 | 7f | 7g | 7e | IN |
| 40 | 26 | 7i | 7j | 7l | STEREO |
| 39 | 27 | 7a | 7k | 7m | 7d |
| 38 | 28 | 7b | 7h | 7c | |
| 37 | 29 | | | COL | |
| 34 | 30 | 8f | 8g | 8e | LOUD, X5 |
| 35 | 31 | 8i | 8j | 8l | X6 |
| 36 | 32 | 8a | 8k | 8m | 8d |
| 32 | 33 | 8b | 8h | 8c | |
| 31 | 34 | 9f | 9g | 9e | ms-Cr |
| 30 | 35 | 9i | 9j | 9l | X7 |
| 29 | 36 | 9a | 9k | 9m | 9d |
| 28 | 37 | 9b | 9h | 9c | TIME |
| 27 | 38 | DISC | PRESET | 10 b c k | CD, X8 |
| 26 | 39 | 11g | 11k | 11f | 11e |
| 25 | 40 | 11c | 11b | 11a | 111 |



# PART 3 : LCD GRAPHIC & PIN-OUT TABLE



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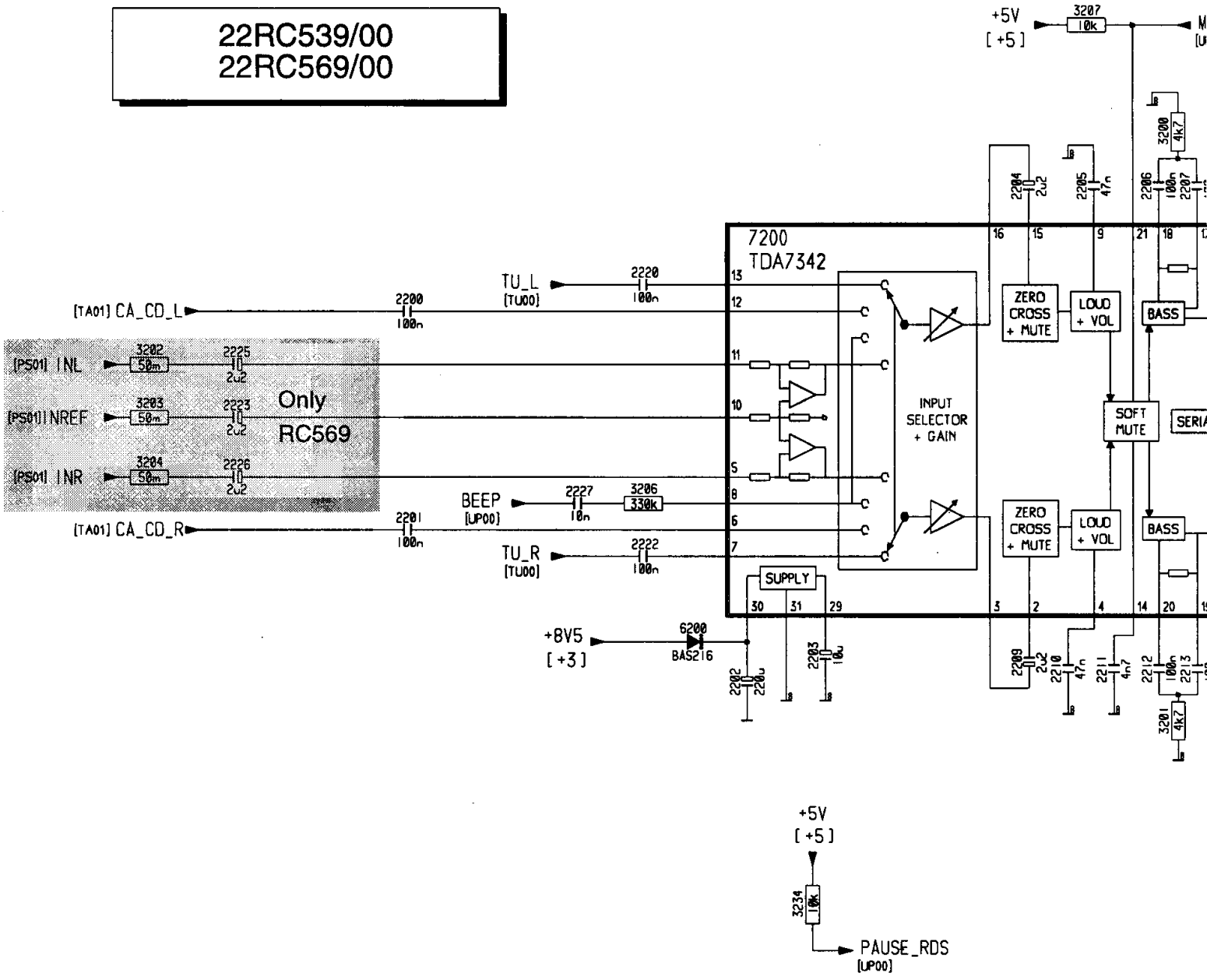
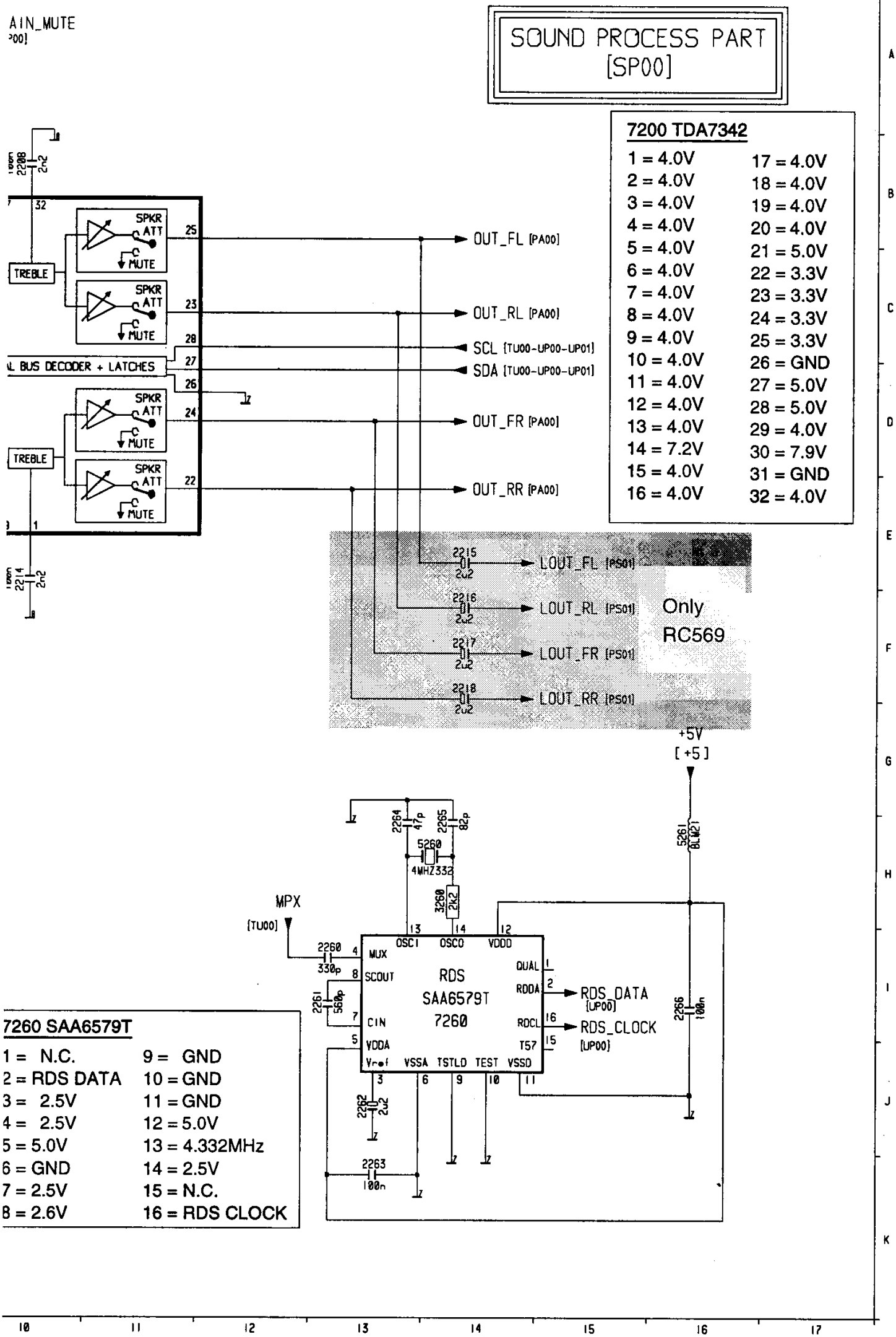



**7230 LA2000**

| | | | |
|---|---|---|---|
| 1 = | 1.9V | 5 = | GND |
| 2 = | ⎍ | 6 = | 5.1V |
| 3 = | 2.0V | | 0.0V PAUSE |
| 4 = | N.C. | 7 = | N.C. |
| | | 8 = | N.C. |

# SOUND PROCESS PART [SP00]

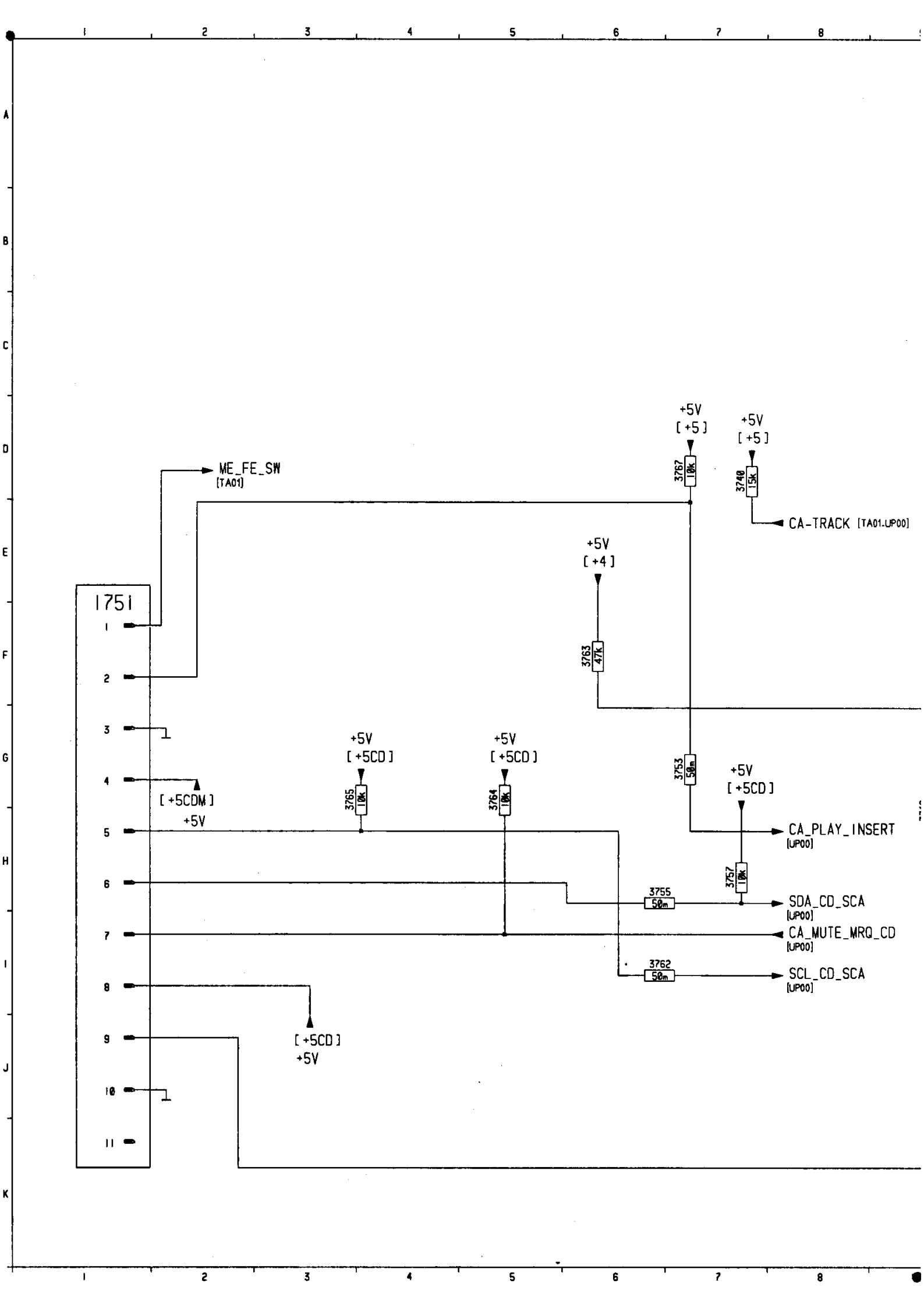



## 7200 TDA7342

| | |
|---|---|
| 1 = 4.0V | 17 = 4.0V |
| 2 = 4.0V | 18 = 4.0V |
| 3 = 4.0V | 19 = 4.0V |
| 4 = 4.0V | 20 = 4.0V |
| 5 = 4.0V | 21 = 5.0V |
| 6 = 4.0V | 22 = 3.3V |
| 7 = 4.0V | 23 = 3.3V |
| 8 = 4.0V | 24 = 3.3V |
| 9 = 4.0V | 25 = 3.3V |
| 10 = 4.0V | 26 = GND |
| 11 = 4.0V | 27 = 5.0V |
| 12 = 4.0V | 28 = 5.0V |
| 13 = 4.0V | 29 = 4.0V |
| 14 = 7.2V | 30 = 7.9V |
| 15 = 4.0V | 31 = GND |
| 16 = 4.0V | 32 = 4.0V |

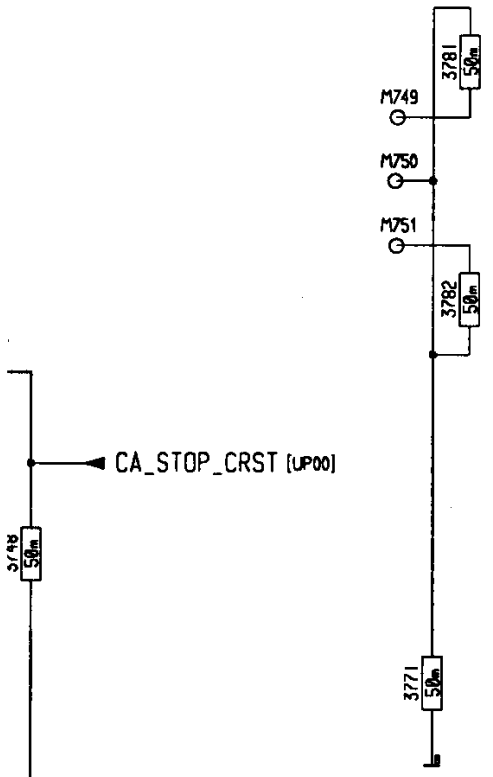
## 7260 SAA6579T

| | |
|---|---|
| 1 = N.C. | 9 = GND |
| 2 = RDS DATA | 10 = GND |
| 3 = 2.5V | 11 = GND |
| 4 = 2.5V | 12 = 5.0V |
| 5 = 5.0V | 13 = 4.332MHz |
| 6 = GND | 14 = 2.5V |
| 7 = 2.5V | 15 = N.C. |
| 8 = 2.6V | 16 = RDS CLOCK |

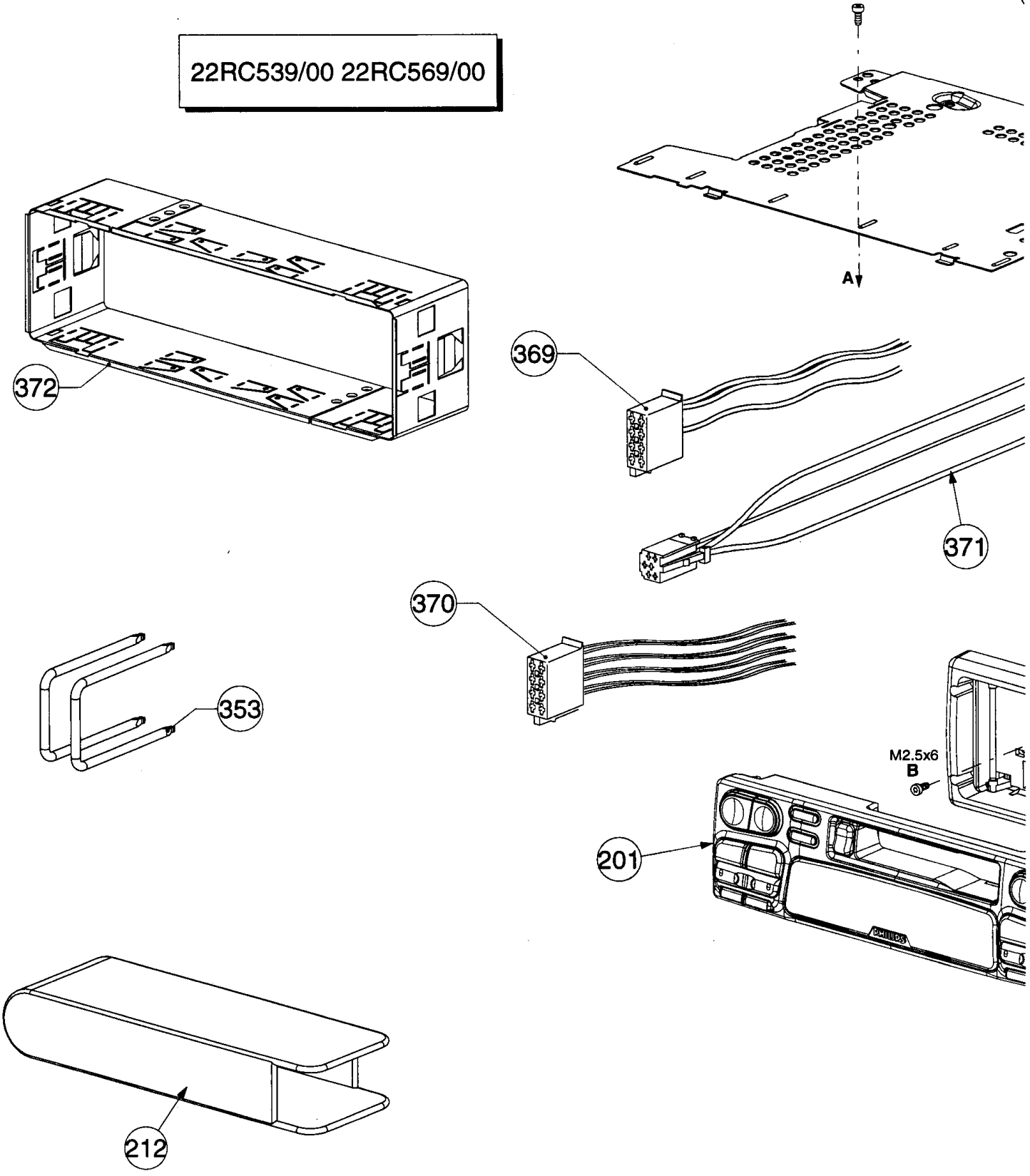

1751
ME_FE_SW
[TA01]
+5V
[ +5 ]
3767
10k
+5V
[ +5 ]
3740
15k
CA-TRACK [TA01-UP00]
+5V
[ +4 ]
3763
47k
3753
50m
+5V
[ +5CD ]
+5V
[ +5CD ]
3765
10k
3764
10k
[ +5CDM ]
+5V
[ +5CD ]
+5V
CA_PLAY_INSERT
[UP00]
3757
10k
3755
50m
SDA_CD_SCA
[UP00]
CA_MUTE_MRQ_CD
[UP00]
3762
50m
SCL_CD_SCA
[UP00]
[ +5CD ]
+5V

# TAPE PART
[ TA00 ]

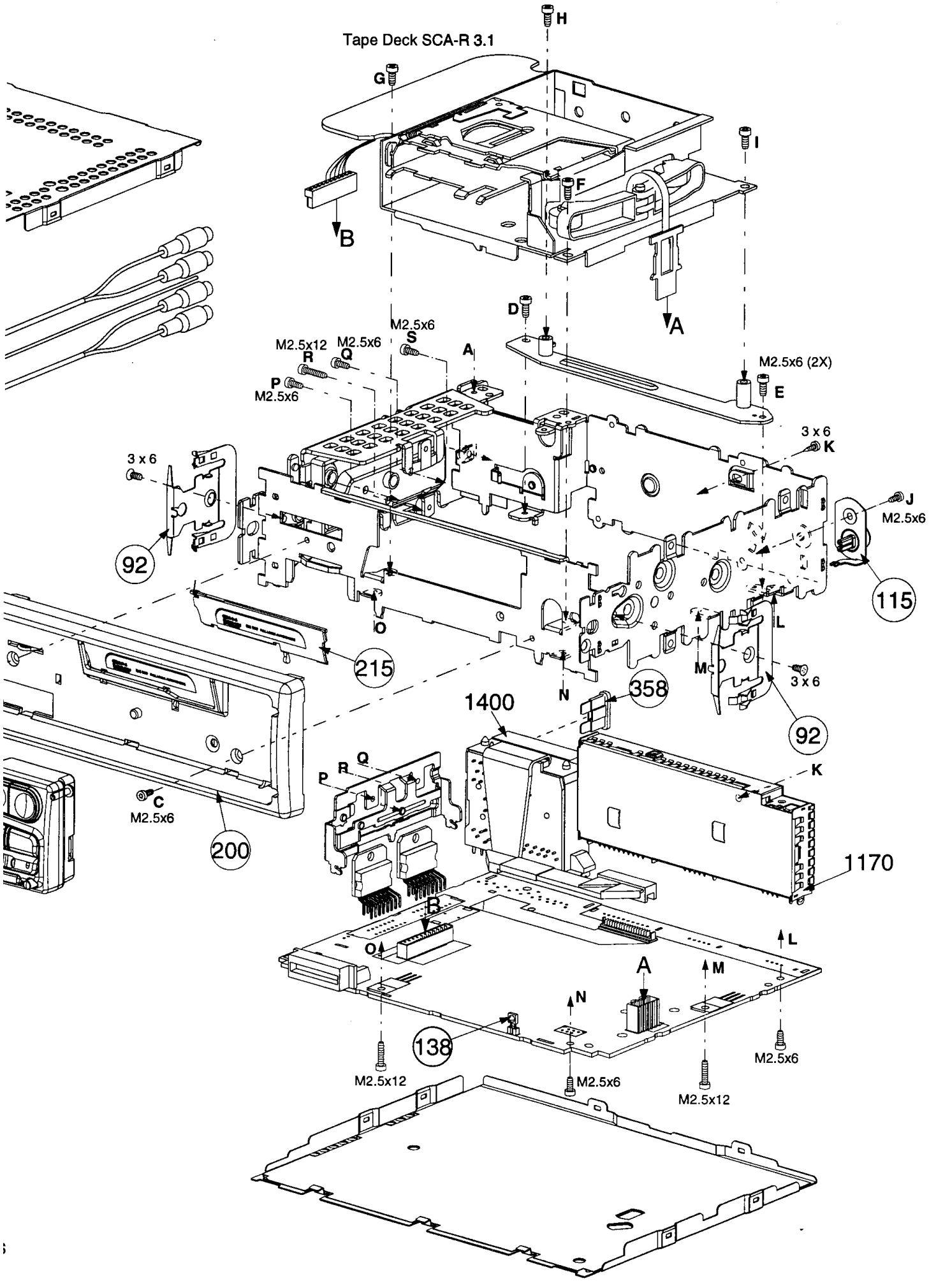
**22RC539/00**
**22RC569/00**



# 22RC539/00 22RC569/00




| | | |
|---|---|---|
| 92 | 4822 492 71046 | SPRING MOUNTING (X2) |
| 115 | 4822 265 10717 | CONNECTOR AERIAL ASSY |
| 138 | 4822 130 82996 | BLINKING LED TLPR5620 |
| 150 | 4822 691 10651 | DECK ASSY SCA-R3.1 |
| 200 | 4822 454 13381 | FIXED FRONT ASSY SCA |
| 201 | 4822 459 05083 | DETACHABLE UNIT ASSY(RC539/00) |
| 201 | 4822 459 05082 | DETACHABLE UNIT ASSY(RC569/00) |
| 212 | 4822 418 10123 | DETACHABLE UNIT'S CASE |
| 215 | 4822 443 11066 | FLAP CASSETTE ASSY (RC539) |
| 215 | 4822 443 11067 | FLAP CASSETTE ASSY (RC569) |
| 353 | 4822 404 20437 | DEMOUNTING BRACKET |
| 369 | 4822 321 11012 | CABLE ADAPTOR POWER |
| 370 | 4822 320 11637 | CABLE ADAPTOR LOUDSPEAKER |
| 371 | 4822 320 11638 | CABLE LINE-OUT (ONLY569) |
| 372 | 4822 443 30463 | SLEEVE |
| 375 | 4822 736 16339 | DIRECTIONS FOR USE |
| 385 | 4822 071 21003 | FUSE BLADE 10A |


Tape Deck SCA-R 3.1
H
G
I
F
B
A
D
M2.5x6
S
M2.5x12
R
M2.5x6
Q
A
M2.5x6 (2X)
P
M2.5x6
E
3 x 6
K
3 x 6
J
M2.5x6
92
115
O
L
215
M
3 x 6
N
358
1400
92
R
Q
P
K
C
M2.5x6
200
1170
B
O
L
A
M
N
138
M2.5x6
M2.5x12
M2.5x6
M2.5x12

| Miscellaneous | | |
|---|---|---|
| 1170 | 4822 210 10741 | TUNER IC96 8SV |
| 1400 | 4822 265 10899 | CONNECTOR BLOCK |
| 1400 | 4822 265 10914 | CONNECTOR BLOCK |
| 1404 | 4822 252 51164 | 1,50A 32V 3,2X1,6X1,2 |
| 1440 | 4822 256 30483 | CONNECTOR LAMP |
| 1501 | 4822 265 11286 | CONN. 12P |
| 1700 | 4822 267 40818 | TCS83S9V1 BURNDY |
| 1751 | 4822 265 11111 | 22-03-5115 (11P) |

| ⊣⊢ | | |
|---|---|---|
| 2181 | 5322 122 32531 | 100pF 5%NP0 50V |
| 2182 | 5322 122 32654 | 22nF10%X7R 63V |
| 2183 | 5322 122 32654 | 22nF 10%X7R 63V |
| 2185 | 5322 122 34123 | 1nF 10%X7R 50V |
| 2200 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2201 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2202 | 4822 124 23582 | 220µF 10V |
| 2203 | 4822 124 41017 | 10µF 16V |
| 2204 | 4822 124 23504 | 2.2µF 20% 50V |
| 2205 | 4822 126 13343 | 47nF 10% X7R 25V |
| 2206 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2207 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2208 | 4822 122 33127 | 2,2nF 10%X7R 63V |
| 2209 | 4822 124 23504 | 2.2µF 20% 50V |
| 2210 | 4822 126 13343 | 47nF 10% X7R 25V |
| 2211 | 5322 126 10223 | 4,7nF 10%X7R 63V |
| 2212 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2213 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2214 | 4822 122 33127 | 2,2nF 10%X7R 63V |
| 2216 | 4822 124 23504 | 2.2µF 20% 50V |
| 2217 | 4822 124 23504 | 2.2µF 20% 50V |
| 2218 | 4822 124 23504 | 2.2µF 20% 50V |
| 2220 | 4822 126 13196 | 2.2µF 20% 50V |
| 2222 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2225 | 4822 124 23504 | 2.2µF 20% 50V |
| 2227 | 5322 122 34098 | 2.2µF 20% 50V |
| 2230 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2231 | 4822 124 23504 | 2.2µF 20% 50V |
| 2232 | 5322 122 34123 | 1nF 10%X7R 50V |
| 2234 | 4822 124 23504 | 2.2µF 20% 50V |
| 2235 | 4822 126 13343 | 47nF 10% X7R 25V |
| 2260 | 5322 122 31863 | 330pF 5%NP0 50V |
| 2261 | 5322 116 80853 | 560pF 5%NP0 63V |
| 2262 | 4822 124 23504 | 2.2µF 20% 50V |
| 2263 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2264 | 4822 126 13692 | 47pF 1% NP0 63V |
| 2265 | 4822 126 13695 | 82pF 1% NP0 63V |
| 2266 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2300 | 4822 124 22646 | 47µF 20% 16V |
| 2301 | 4822 124 22646 | 47µF 20% 16V |
| 2302 | 4822 124 41017 | 10µF 16V |
| 2303 | 4822 124 23282 | 1µF 20% 50V |
| 2304 | 4822 124 23282 | 1µF 20% 50V |
| 2305 | 4822 124 23282 | 1µF 20% 50V |
| 2306 | 4822 124 23282 | 1µF 20% 50V |
| 2309 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2311 | 5322 122 34123 | 1nF 10%X7R 50V |
| 2313 | 5322 122 34123 | 1nF 10%X7R 50V |
| 2314 | 5322 122 34123 | 1nF 10%X7R 50V |
| 2315 | 5322 122 34123 | 1nF 10%X7R 50V |

| ⊣⊢ | | |
|---|---|---|
| 2317 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2319 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2320 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2321 | 5322 122 34098 | 10nF 10%X7R 63V |
| 2322 | 5322 122 34098 | 10nF 10%X7R 63V |
| 2323 | 5322 122 34098 | 10nF 10%X7R 63V |
| 2324 | 5322 122 34098 | 10nF 10%X7R 63V |
| 2325 | 5322 122 34098 | 10nF 10%X7R 63V |
| 2326 | 5322 122 34098 | 10nF 10%X7R 63V |
| 2327 | 5322 122 34098 | 10nF 10%X7R 63V |
| 2328 | 5322 122 34098 | 10nF 10%X7R 63V |
| 2329 | 4822 124 23282 | 1µF 20% 50V |
| 2333 | 5322 122 34098 | 10nF 10%X7R 63V |
| 2401 | 5322 122 34098 | 10nF 10%X7R 63V |
| 2402 | 4822 124 11952 | 100µF 20% 16V |
| 2403 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2404 | 4822 124 22646 | 47µF 20% 16V |
| 2405 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2406 | 4822 124 80769 | 2200µF 20% 16V |
| 2407 | 4822 124 80769 | 2200µF 20% 16V |
| 2411 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2412 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2413 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2415 | 5322 122 32654 | 22nF 10%X7R 63V |
| 2416 | 4822 124 23282 | 1µF 20% 50V |
| 2417 | 4822 124 23279 | 22µF 20% 16V |
| 2418 | 4822 124 23279 | 22µF 20% 16V |
| 2419 | 4822 124 41017 | 10µF 16V |
| 2420 | 4822 124 23279 | 22µF 20% 16V |
| 2421 | 4822 124 11952 | 100µF 20% 16V |
| 2422 | 5322 122 32654 | 22nF 10%X7R 63V |
| 2423 | 5322 122 34098 | 10nF 10%X7R 63V |
| 2425 | 5322 122 34098 | 10nF 10%X7R 63V |
| 2427 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2428 | 4822 126 13849 | 220nF 10% 16V |
| 2470 | 5322 122 32531 | 100pF 5%NP0 50V |
| 2471 | 5322 122 32531 | 100pF 5%NP0 50V |
| 2473 | 5322 122 34123 | 1nF 10%X7R 50V |
| 2476 | 5322 122 34098 | 10nF 10%X7R 63V |
| 2477 | 4822 126 13343 | 47nF 10% X7R 25V |
| 2500 | 5322 122 32654 | 22nF 10%X7R 63V |
| 2501 | 5322 122 34098 | 10nF 10%X7R 63V |
| 2502 | 5322 122 32654 | 22nF 10%X7R 63V |
| 2503 | 5322 122 34123 | 1nF 10%X7R 50V |
| 2505 | 5322 122 32654 | 22nF 10%X7R 63V |
| 2508 | 5322 122 34123 | 1nF 10%X7R 50V |
| 2517 | 5322 122 32531 | 100pF 5%NP0 50V |
| 2600 | 5322 122 34098 | 10nF 10%X7R 63V |
| 2601 | 5322 122 32654 | 22nF 10%X7R 63V |
| 2700 | 5322 122 32268 | 470pF 10% 50V |
| 2701 | 5322 122 32268 | 470pF 10% 50V |
| 2702 | 5322 122 32268 | 470pF 10% 50V |
| 2703 | 5322 122 32268 | 470pF 10% 50V |
| 2704 | 4822 124 11952 | 100µF 20% 16V |
| 2705 | 4822 124 41017 | 10µF 16V |
| 2706 | 5322 122 34098 | 10nF 10%X7R 63V |
| 2707 | 5322 126 10223 | 4,7nF 10%X7R 63V |
| 2708 | 4822 124 11952 | 100µF 20% 16V |
| 2709 | 5322 122 32654 | 22nF 10%X7R 63V |
| 2710 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |

| | | |
|---|---|---|
| 2711 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2712 | 4822 126 13849 | 220nF 10% 16V |
| 2713 | 4822 126 13188 | 15nF 5% X7R 63V |
| 2714 | 4822 124 41017 | 10µF 16V |
| 2715 | 5322 122 34098 | 10nF 10%X7R 63V |
| 2716 | 4822 126 13188 | 15nF 5% X7R 63V |
| 2717 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2718 | 4822 126 13196 | 100nF 10% 0805 X7R 25V |
| 2719 | 4822 126 13849 | 220nF 10% 16V |
| 2720 | 5322 126 10223 | 4,7nF 10%X7R 63V |
| 2721 | 4822 124 41017 | 10µF 16V |
| 2722 | 5322 122 32531 | 100pF 5%NP0 50V |

| | | |
|---|---|---|
| 3175 | 4822 051 20102 | 1KΩ 5% 0,1W |
| 3178 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3179 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3181 | 4822 117 10833 | 10K 1% 0,1W |
| 3182 | 4822 051 20562 | 5K6 5% 0,1W 0805 |
| 3183 | 4822 051 20273 | 27KΩ 5% 0,1W |
| 3184 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3200 | 4822 051 20472 | 4K70 5% 0,1W |
| 3201 | 4822 051 20472 | 4K70 5% 0,1W |
| 3202 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3203 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3204 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3206 | 4822 051 20334 | 330KΩ 5% 0,1W |
| 3207 | 4822 117 10833 | 10K 1% 0,1W |
| 3233 | 4822 051 20334 | 330KΩ 5% 0,1W |
| 3234 | 4822 117 10833 | 10K 1% 0,1W |
| 3235 | 4822 051 20223 | 22KΩ 5% 0,1W |
| 3236 | 4822 051 20683 | 68KΩ 5% 0,1W |
| 3237 | 4822 051 20104 | 100KΩ 5% 0,1W |
| 3260 | 4822 117 11449 | 2K2 1% 0,1W |
| 3300 | 4822 117 10833 | 10K 1% 0,1W |
| 3302 | 4822 051 20472 | 4K70 5% 0,1W |
| 3306 | 4822 051 20102 | 1KΩ 5% 0,1W |
| 3307 | 4822 117 10833 | 10K 1% 0,1W |
| 3308 | 4822 117 10833 | 10K 1% 0,1W |
| 3309 | 4822 051 20333 | 33KΩ 5% 0,1W |
| 3312 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3313 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3316 | 4822 117 10833 | 10K 1% 0,1W |
| 3317 | 4822 051 20109 | 10KΩ 5% 0,1W |
| 3318 | 4822 051 20109 | 10Ω 5% 0,1W |
| 3319 | 4822 051 20109 | 10Ω 5% 0,1W |
| 3320 | 4822 051 20109 | 10Ω 5% 0,1W |
| 3321 | 4822 051 20109 | 10Ω 5% 0,1W |
| 3322 | 4822 051 20109 | 10Ω 5% 0,1W |
| 3323 | 4822 051 20109 | 10Ω 5% 0,1W |
| 3324 | 4822 051 20109 | 10Ω 5% 0,1W |
| 3325 | 4822 117 10833 | 10K 1% 0,1W |
| 3326 | 4822 117 10833 | 10K 1% 0,1W |
| 3329 | 4822 116 10062 | 470R 50% 16V PTC 0805 |
| 3409 | 4822 051 20104 | 100KΩ 5% 0,1W |
| 3410 | 4822 051 20333 | 33KΩ 5% 0,1W |
| 3411 | 4822 051 20393 | 39KΩ 5% 0,1W |
| 3412 | 4822 051 20229 | 22Ω 5% 0,1W |
| 3413 | 4822 117 10834 | 47K 1% 0,1W |

| | | |
|---|---|---|
| 3414 | 4822 117 10834 | 47K 1% 0,1W |
| 3416 | 4822 117 10834 | 47K 1% 0,1W |
| 3417 | 4822 051 20472 | 4K70 5% 0,1W |
| 3420 | 4822 051 20681 | 680Ω 5% 0,1W |
| 3421 | 4822 117 11449 | 2K2 1% 0,1W |
| 3422 | 4822 051 20224 | 220KΩ 5% 0,1W |
| 3423 | 4822 051 20474 | 470KΩ 5% 0,1W |
| 3424 | 4822 051 20184 | 180KΩ 5% 0,1W |
| 3425 | 4822 051 20224 | 220KΩ 5% 0,1W |
| 3426 | 4822 051 20392 | 3K90 5% 0,1W |
| 3427 | 4822 051 20223 | 22KΩ 5% 0,1W |
| 3428 | 4822 051 20229 | 22Ω 5% 0,1W |
| 3429 | 4822 117 10833 | 10K 1% 0,1W |
| 3431 | 4822 051 20104 | 100KΩ 5% 0,1W |
| 3432 | 4822 117 10833 | 10K 1% 0,1W |
| 3435 | 4822 051 20472 | 4K70 5% 0,1W |
| 3436 | 4822 051 20472 | 4K70 5% 0,1W |
| 3439 | 4822 117 11449 | 2K2 1% 0,1W |
| 3440 | 4822 117 10834 | 47K 1% 0,1W |
| 3445 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3446 | 4822 117 10834 | 47K 1% 0,1W |
| 3447 | 4822 051 20104 | 100KΩ 5% 0,1W |
| 3448 | 4822 117 11504 | 270R 1% 0.1W |
| 3449 | 4822 117 10834 | 47K 1% 0,1W |
| 3450 | 4822 051 20105 | 1M00 5% 0,1W |
| 3451 | 4822 051 20105 | 1M00 5% 0,1W |
| 3452 | 4822 051 20105 | 1M00 5% 0,1W |
| 3453 | 4822 117 10834 | 47K 1% 0,1W |
| 3459 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3461 | 4822 051 20472 | 4K70 5% 0,1W |
| 3462 | 4822 051 20223 | 22KΩ 5% 0,1W |
| 3471 | 4822 116 40267 | 3R3 25% 20V |
| 3472 | 4822 051 20101 | 100Ω 5% 0,1W |
| 3473 | 4822 051 20101 | 100Ω 5% 0,1W |
| 3475 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3476 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3481 | 4822 051 20331 | 330Ω 5% 0,1W |
| 3483 | 4822 051 20101 | 100Ω 5% 0,1W |
| 3484 | 4822 051 20101 | 100Ω 5% 0,1W |
| 3485 | 4822 051 20102 | 1KΩ 5% 0,1W |
| 3489 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3494 | 4822 117 11449 | 2K2 1% 0,1W |
| 3500 | 4822 117 10833 | 10K 1% 0,1W |
| 3501 | 4822 117 10833 | 10K 1% 0,1W |
| 3502 | 4822 117 10833 | 10K 1% 0,1W |
| 3503 | 4822 117 10833 | 10K 1% 0,1W |
| 3504 | 4822 117 10833 | 10K 1% 0,1W |
| 3505 | 4822 051 20102 | 10K 1% 0,1W |
| 3509 | 4822 117 10833 | 10K 1% 0,1W |
| 3510 | 4822 117 10833 | 10K 1% 0,1W |
| 3511 | 4822 117 10833 | 10K 1% 0,1W |
| 3518 | 4822 117 10833 | 10K 1% 0,1W |
| 3519 | 4822 117 10833 | 10K 1% 0,1W |
| 3520 | 4822 117 10833 | 10K 1% 0,1W |
| 3521 | 4822 117 10833 | 10K 1% 0,1W |
| 3522 | 4822 117 10833 | 10K 1% 0,1W |
| 3523 | 4822 051 20223 | 22KΩ 5% 0,1W |
| 3524 | 4822 117 10833 | 10K 1% 0,1W |
| 3525 | 4822 051 20109 | 10Ω 5% 0,1W |
| 3528 | 4822 117 10833 | 10K 1% 0,1W |

| | | |
|---|---|---|
| 3529 | 4822 051 20102 | 1KΩ 5% 0,1W |
| 3530 | 4822 051 20102 | 1KΩ 5% 0,1W |
| 3531 | 4822 051 20102 | 1KΩ 5% 0,1W |
| 3532 | 4822 051 20102 | 1KΩ 5% 0,1W |
| 3533 | 4822 117 10833 | 10K 1% 0,1W |
| 3534 | 4822 117 10833 | 10K 1% 0,1W |
| 3535 | 4822 117 10833 | 10K 1% 0,1W |
| 3536 | 4822 051 20102 | 1KΩ 5% 0,1W |
| 3537 | 4822 051 20102 | 1KΩ 5% 0,1W |
| 3538 | 4822 051 20102 | 1KΩ 5% 0,1W |
| 3540 | 4822 051 20109 | 1KΩ 5% 0,1W |
| 3541 | 4822 117 10834 | 47K 1% 0,1W |
| 3542 | 4822 117 10833 | 10K 1% 0,1W |
| 3601 | 4822 051 20102 | 1KΩ 5% 0,1W |
| 3602 | 4822 051 20121 | 120Ω 5% 0,1W |
| 3603 | 4822 116 10063 | 8,2R 25% 30V PTC |
| 3604 | 4822 116 10063 | 8,2R 25% 30V PTC |
| 3680 | 4822 117 11449 | 2K2 1% 0,1W |
| 3681 | 4822 051 20104 | 100KΩ 5% 0,1W |
| 3682 | 4822 051 20333 | 33KΩ 5% 0,1W |
| 3683 | 4822 117 10833 | 10K 1% 0,1W |
| 3700 | 4822 117 10965 | 18K 1% 0,1W |
| 3701 | 4822 051 20273 | 27KΩ 5% 0,1W |
| 3702 | 4822 051 20104 | 100KΩ 5% 0,1W |
| 3703 | 4822 051 20104 | 100KΩ 5% 0,1W |
| 3704 | 4822 051 20471 | 470Ω 5% 0,1W |
| 3705 | 4822 101 11187 | 1K 30%LIN 0,1W |
| 3706 | 4822 051 20334 | 330KΩ 5% 0,1W |
| 3707 | 4822 051 20822 | 8K20 5% 0,1W |
| 3708 | 4822 051 20184 | 180KΩ 5% 0,1W |
| 3709 | 4822 117 10507 | 24K 1% 0.1W |
| 3710 | 4822 051 20109 | 10Ω 5% 0,1W |
| 3711 | 4822 051 20274 | 270KΩ 5% 0,1W |
| 3712 | 4822 117 11139 | 1K5 1% 0,1W |
| 3713 | 4822 117 10834 | 47K 1% 0,1W |
| 3714 | 4822 051 20184 | 180KΩ 5% 0,1W |
| 3715 | 4822 117 10507 | 24K 1% 0.1W |
| 3716 | 4822 051 20471 | 470Ω 5% 0,1W |
| 3717 | 4822 101 11187 | 1K 30%LIN 0,1W |
| 3718 | 4822 051 20822 | 8K20 5% 0,1W |
| 3719 | 4822 051 20334 | 330KΩ 5% 0,1W |
| 3720 | 4822 051 20684 | 680KΩ 5% 0,1W |
| 3721 | 4822 051 20274 | 270KΩ 5% 0,1W |
| 3725 | 4822 051 20102 | 1KΩ 5% 0,1W |
| 3726 | 4822 051 20102 | 1KΩ 5% 0,1W |
| 3729 | 4822 117 10833 | 10K 1% 0,1W |
| 3730 | 4822 051 20104 | 100KΩ 5% 0,1W |
| 3731 | 4822 051 20104 | 100KΩ 5% 0,1W |
| 3733 | 4822 117 11139 | 1K5 1% 0,1W |
| 3734 | 4822 117 10834 | 47K 1% 0,1W |
| 3735 | 4822 117 10833 | 10K 1% 0,1W |
| 3736 | 4822 117 10834 | 47K 1% 0,1W |
| 3737 | 4822 117 10833 | 10K 1% 0,1W |
| 3738 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3740 | 4822 051 20153 | 15KΩ 5% 0,1W |
| 3748 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3753 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3755 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3757 | 4822 117 10833 | 10K 1% 0,1W |
| 3761 | 4822 117 11139 | 0Ω JUMP. (0805) |

| | | |
|---|---|---|
| 3762 | 4822 051 20008 | 10K 1% 0,1W |
| 3763 | 4822 117 10833 | 10K 1% 0,1W |
| 3764 | 4822 117 10833 | 10K 1% 0,1W |
| 3765 | 4822 117 10833 | 10K 1% 0,1W |
| 3767 | 4822 117 10833 | 10K 1% 0,1W |
| 3768 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3771 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3781 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3782 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3786 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3800 | 4822 051 20229 | 22Ω 5% 0,1W |
| 3801 | 4822 051 20229 | 22Ω 5% 0,1W |

| | | |
|---|---|---|
| 5172 | 4822 157 10975 | 120µH 10% |
| 5173 | 4822 157 71184 | 10µH 10% |
| 5260 | 4822 242 80259 | LN-G38-311 (4,332MHZ) |
| 5261 | 4822 157 71206 | BLM21A601SPT |
| 5420 | 4822 157 70935 | COIL ASSY 97µH 10A |
| 5421 | 4822 158 10471 | 0,22µH 20% 4X9,8 |
| 5500 | 4822 157 11207 | EL0405RA-102K-3 |
| 5501 | 4822 242 10753 | CSTCS8,00MT-TC |
| 5600 | 4822 242 10709 | CSTCS6.00MG-TC |
| 5601 | 4822 157 71206 | BLM21A601SPT |

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|---|---|---|
| 6200 | 4822 130 83757 | BAS216 |
| 6402 | 4822 130 83757 | BAS216 |
| 6403 | 4822 130 83757 | BAS216 |
| 6404 | 4822 130 10488 | S3G |
| 6407 | 4822 130 10877 | UDZ9.1B |
| 6408 | 4822 130 10185 | UDZ5.6B |
| 6409 | 4822 130 10655 | 1SR154-400 |
| 6410 | 4822 130 10655 | 1SR154-400 |
| 6411 | 4822 130 83757 | BAS216 |
| 6412 | 4822 130 83757 | BAS216 |
| 6413 | 4822 130 83757 | BAS216 |
| 6473 | 4822 130 10185 | UDZ5.6B |
| 6474 | 4822 130 10185 | UDZ5.6B |
| 6478 | 4822 130 10655 | 1SR154-40 |
| 6506 | 4822 130 83757 | BAS216 |
| 6510 | 4822 130 10185 | UDZ5.6B |
| 6511 | 4822 130 10185 | UDZ5.6B |
| 6512 | 4822 130 10185 | UDZ5.6B |
| 6513 | 4822 130 10185 | UDZ5.6B |
| 6514 | 4822 130 10185 | UDZ5.6B |
| 6515 | 4822 130 10185 | UDZ5.6B |
| 6516 | 4822 130 10185 | UDZ5.6B |
| 6600 | 4822 130 10657 | PTZ5.6A |
| 6601 | 4822 130 10657 | PTZ5.6A |
| 6680 | 4822 130 83757 | BAS216 |

| | | |
|---|---|---|
| 7200 | 4822 209 12723 | TDA7342 |
| 7230 | 4822 209 83159 | LA2000 (SANYO) |
| 7260 | 4822 209 31981 | SAA6579T |
| 7302 | 4822 209 33629 | TDA7375 |
| 7303 | 4822 209 33629 | TDA7375 |
| 7402 | 4822 209 15418 | L4949ED |
| 7403 | 4822 130 60511 | BC847B |
| 7404 | 5322 130 60508 | BC857B |
| 7405 | 4822 130 40995 | BD438 |

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|---|---|---|
| 7407 | 4822 130 60511 | BC847B |
| 7409 | 5322 209 14477 | HEF4013BT |
| 7410 | 5322 130 60508 | BC857B |
| 7411 | 4822 130 40995 | BD438 |
| 7412 | 4822 130 60511 | BC847B |
| 7414 | 5322 130 60508 | BC857B |
| 7415 | 4822 130 60511 | BC847B |
| 7416 | 4822 130 60511 | BC847B |
| 7417 | 4822 130 10839 | 2SD2061 |
| 7418 | 4822 130 10839 | 2SD2061 |
| 7419 | 5322 130 60508 | BC857B |
| 7420 | 5322 130 60508 | BC857B |
| 7500 | 4822 209 16791 | TMP87CM21F/2277 |
| 7501 | 4822 900 11262 | ST24W16M6 - RC539 |
| 7501 | 4822 900 11261 | ST24W16M6 - RC569 |
| 7600 | 4822 209 32743 | MSM6307GS |
| 7680 | 4822 130 60511 | BC847B |
| 7700 | 4822 209 15585 | TEA0675T/V2 |
| 7701 | 4822 130 60511 | BC847B |
| 7702 | 5322 130 60508 | BC857B |
| 7703 | 4822 130 60511 | BC847B |

**Front PWB**

| | | |
|---|---|---|
| 1900 | 4822 276 13999 | SWITCH |
| 1901 | 4822 276 13999 | SWITCH |
| 1902 | 4822 276 13999 | SWITCH |
| 1903 | 4822 276 13999 | SWITCH |
| 1904 | 4822 276 13999 | SWITCH |
| 1905 | 4822 276 13999 | SWITCH |
| 1906 | 4822 276 13999 | SWITCH |
| 1907 | 4822 276 13999 | SWITCH |
| 1908 | 4822 276 13999 | SWITCH |
| 1909 | 4822 276 13999 | SWITCH |
| 1910 | 4822 276 13999 | SWITCH |
| 1911 | 4822 276 13999 | SWITCH |
| 1912 | 4822 276 13999 | SWITCH |
| 1913 | 4822 276 13999 | SWITCH |
| 1914 | 4822 276 13999 | SWITCH |
| 1915 | 4822 276 13999 | SWITCH |
| 1916 | 4822 276 13999 | SWITCH |
| 1917 | 4822 276 13999 | SWITCH |
| 1940 | 4822 134 10014 | 115MA 5V ORANGE |
| 1941 | 4822 134 10014 | 115MA 5V ORANGE |
| 1942 | 4822 134 10015 | 115MA 5V GREEN |
| 1943 | 4822 134 10015 | 115MA 5V GREEN |

| | | |
|---|---|---|
| 2900 | 5322 122 32654 | 22nF 10%X7R 63V |
| 2901 | 5322 122 32654 | 22nF 10%X7R 63V |
| 2902 | 5322 122 32654 | 22nF 10%X7R 63V |
| 2903 | 5322 122 32654 | 22nF 10%X7R 63V |

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|---|---|---|
| 3900 | 4822 051 20122 | 1K20 5% 0,1W |
| 3901 | 4822 051 20101 | 100Ω 5% 0,1W |
| 3902 | 4822 051 20122 | 1K20 5% 0,1W |
| 3903 | 4822 117 11503 | 220R 1% 0.1W |
| 3904 | 4822 051 20561 | 560Ω 5% 0,1W |
| 3905 | 4822 051 20101 | 100Ω 5% 0,1W |
| 3906 | 4822 051 20223 | 22KΩ 5% 0,1W. |
| 3907 | 4822 051 20223 | 22KΩ 5% 0,1W |
| 3908 | 4822 051 20223 | 22KΩ 5% 0,1W |
| 3909 | 4822 051 20223 | 22KΩ 5% 0,1W |
| 3910 | 4822 117 10833 | 10K 1% 0,1W |
| 3911 | 4822 117 11503 | 220R 1% 0.1W |
| 3912 | 4822 117 11503 | 220R 1% 0.1W |
| 3913 | 4822 117 11503 | 220R 1% 0.1W |
| 3921 | 4822 117 11503 | 220R 1% 0.1W |
| 3923 | 4822 117 11503 | 220R 1% 0.1W |
| 3925 | 4822 117 11503 | 220R 1% 0.1W |
| 3927 | 4822 051 20331 | 330Ω 5% 0,1W |
| 3928 | 4822 051 20331 | 330Ω 5% 0,1W |
| 3929 | 4822 117 11503 | 220R 1% 0.1W |
| 3931 | 4822 117 11503 | 220R 1% 0.1W |
| 3933 | 4822 117 11503 | 220R 1% 0.1W |
| 3942 | 4822 117 11449 | 2K2 1% 0,1W |
| 3943 | 4822 117 11449 | 2K2 1% 0,1W |
| 3946 | 4822 117 10834 | 47K 1% 0,1W |
| 3947 | 4822 117 10833 | 10K 1% 0,1W |
| 3948 | 4822 051 20008 | 0Ω JUMP. (0805) |
| 3950 | 4822 117 10353 | 150R 1% 0,1W |
| 3951 | 4822 117 10353 | 150R 1% 0,1W |
| 3952 | 4822 117 10353 | 150R 1% 0,1W |
| 3953 | 4822 117 10353 | 150R 1% 0,1W |
| 3954 | 4822 117 10353 | 150R 1% 0,1W |
| 3961 | 4822 117 11503 | 220R 1% 0.1W |
| 3962 | 4822 117 11503 | 220R 1% 0.1W |
| 3963 | 4822 117 11503 | 220R 1% 0.1W |
| 3964 | 4822 117 11503 | 220R 1% 0.1W |
| 3965 | 4822 117 11503 | 220R 1% 0.1W |
| 3966 | 4822 117 11503 | 220R 1% 0.1W |

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|---|---|---|
| 6900 | 4822 130 10185 | UDZ5.6B |
| 6901 | 4822 130 10185 | UDZ5.6B |
| 6902 | 4822 130 10185 | UDZ5.6B |
| 6903 | 4822 130 83757 | BAS216 |
| 6904 | 4822 130 83757 | BAS216 |
| 6905 | 4822 130 83757 | BAS216 |
| 6906 | 4822 130 83757 | BAS216 |
| 6907 | 4822 130 83757 | LYT670-JK-E9231 |
| 6910 | 4822 130 10186 | LYT670-JK-E9231 |
| 6912 | 4822 130 10186 | LYT670-JK-E9231 |
| 6914 | 4822 130 10186 | LYT670-JK-E9231 |
| 6916 | 4822 130 10186 | LYT670-JK-E9231 |
| 6918 | 4822 130 10186 | LYT670-JK-E9231 |
| 6920 | 4822 130 10186 | LYT670-JK-E9231 |
| 6922 | 4822 130 10186 | LYT670-JK-E9231 |
| 6924 | 4822 130 10186 | LYT670-JK-E9231 |
| 6926 | 4822 130 10186 | LYT670-JK-E9231 |
| 6928 | 4822 130 11175 | LST670-JK |
| 6932 | 4822 130 10186 | LYT670-JK-E9231 |
| 6934 | 4822 130 10186 | LYT670-JK-E9231 |
| 6936 | 4822 130 10186 | LYT670-JK-E9231 |
| 6938 | 4822 130 10186 | LYT670-JK-E9231 |
| 6940 | 4822 130 10186 | LYT670-JK-E9231 |
| 6942 | 4822 130 10186 | LYT670-JK-E9231 |
| 6944 | 4822 130 10186 | LYT670-JK-E9231 |
| 6946 | 4822 130 10186 | LYT670-JK-E9231 |
| 6948 | 4822 130 10186 | LYT670-JK-E9231 |