

## Function of semiconductors

| REF No | DESCRIPTION | TYPE      | MANUFACTURE | FUNCTION       |
|--------|-------------|-----------|-------------|----------------|
| D001   | DIODE       | 1N4148    | ROHM        | RF ATT.        |
| D002   | DIODE       | 1N4148    | ROHM        | RF ATT.        |
| D003   | DIODE       | 1N4148    | ROHM        | NB DET         |
| D004   | DIODE       | 1SS108    | HITACHI     | AM DET         |
| D005   | DIODE       | 1N4148    | ROHM        | AM DET         |
| D006   | DIODE       | 1SS108    | HITACHI     | S-METER DET    |
| D007   | DIODE       | 1N4148    | ROHM        | ANL            |
| D008   | DIODE       | 1N4148    | ROHM        | TX METER DET   |
| D009   | DIODE       | 1N4148    | ROHM        | AMC DET        |
| D010   | DIODE       | 1N4003    | TOSHIBA     | AMC DET        |
| D11    | DIODE       | 1SV113    | HITACHIA    | VCO            |
| D012   | DIODE       | 1N4148    | ROHM        | TX SW          |
| D013   | DIODE:ZENER | HZ9A2     | HITACHI     | REGU 9V        |
| D014   | DIODE       | 1N4148    | ROHM        | TX/RX SW       |
| D015   | DIODE:ZENER | HZ9C3     | HITACHI     | REGU 9V        |
| D016   | DIODE       | 1N4148    | ROHM        | TX SW          |
| D017   | DIODE       | 1N4003    | TOSHIBA     | PRTECTOR       |
| D018   | DIODE       | 1N4148    | ROHM        | TX SW          |
| D019   | DIODE       | 1N4148    | ROHM        | ESD PROTECTOR  |
| D020   | DIODE       | 1N4148    | ROHM        | RF LIMITTER    |
| D021   | DIODE       | 1N4148    | ROHM        | CH9 PROGRAM    |
| D022   | DIODE       | 1N4148    | ROHM        | CH9 PROGRAM    |
| D201   | DIODE       | 1SS133    | ROHM        | CH9 PROGRAM    |
| D202   | DIODE       | 1SS133    | ROHM        | CH9 PROGRAM    |
| D203   | DIODE       | 1SS133    | ROHM        | CH9 PROGRAM    |
| D204   | DIODE       | 1SS133    | ROHM        | CH9 PROGRAM    |
| D205   | DIODE       | 1SS133    | ROHM        | CH9 PROGRAM    |
| D206   | DIODE       | 1SS133    | ROHM        | CH9 PROGRAM    |
| D207   | DIODE       | 1SS133    | ROHM        | CH9 PROGRAM    |
| D208   | DIODE       | 1SS133    | ROHM        | CH9 PROGRAM    |
| D301   | DIODE:LED   | LTD-482PC | LIGHTON     | CH INDICATOR   |
| D302   | DIODE:LED   | TLSG-126  | TOSHIBA     | CH9 INDCATOR   |
| D303   | DIODE:LED   | TLR-124   | TOSHIBA     | TX/RX INDCATOR |
| D601   | DIODE       | SML-210MT | ROHM        | BACK LIGHT     |
| D602   | DIODE       | SML-210MT | ROHM        | BACK LIGHT     |
| D603   | DIODE       | SML-210MT | ROHM        | BACK LIGHT     |
| D604   | DIODE       | SML-210MT | ROHM        | BACK LIGHT     |
| D605   | DIODE       | SML-210MT | ROHM        | BACK LIGHT     |

|       |                    |                |             |              |
|-------|--------------------|----------------|-------------|--------------|
| D606  | DIODE              | SML-210MT      | ROHM        | BACK LIGHT   |
| D607  | DIODE              | SML-210MT      | ROHM        | BACK LIGHT   |
| D608  | DIODE              | SML-210MT      | ROHM        | BACK LIGHT   |
| D609  | DIODE              | SML-210MT      | ROHM        | BACK LIGHT   |
| D610  | DIODE              | SML-210MT      | ROHM        | BACK LIGHT   |
| D611  | DIODE              | SML-210MT      | ROHM        | BACK LIGHT   |
| D612  | DIODE              | SML-210MT      | ROHM        | BACK LIGHT   |
| D613  | DIODE              | SML-210MT      | ROHM        | BACK LIGHT   |
| D614  | DIODE              | SML-210MT      | ROHM        | BACK LIGHT   |
| D615  | DIODE              | SML-210MT      | ROHM        | BACK LIGHT   |
| D616  | DIODE              | SML-210MT      | ROHM        | BACK LIGHT   |
| D703  | DIODE              | HVU17 TR       | HITACHI     | VCXO         |
| D704  | DIODE              | RLS4148        | ROHM        | SW           |
| D705  | DIODE              | RLS4148        | ROHM        | SW           |
| D706  | DIODE              | 1SS184         | TOSHIBA     | SW           |
| D708  | DIODE              | RLS4148        | ROHM        | SW           |
| D709  | DIODE              | RLS4148        | ROHM        | SW           |
| D711  | DIODE              | RLS4148        | ROHM        | SW           |
| D712  | DIODE              | 1SS184         | TOSHIBA     | SW           |
| D713  | DIODE:ZENER        | HZ9A2          | HITACHI     | REGU 9V      |
| D714  | DIODE              | RLS4148        | ROHM        | SW           |
| D715  | DIODE              | RLS4148        | ROHM        | SW           |
| D716  | DIODE              | RLS4148        | ROHM        | SW           |
| D717  | DIODE              | RLS4148        | ROHM        | SW           |
| D852  | DIODE              | MA728          | MATSUSHITA  | NOISE DET    |
| D853  | DIODE              | MA728          | MATSUSHITA  | NOISE DET    |
|       |                    |                |             |              |
| IC001 | INTEGRATED CIRCUIT | TA7222AP       | TOSHIBA     | AUDIO AMP    |
| IC002 | INTEGRATED CIRCUIT | TA7310P-U      | TOSHIBA     | TX MIXER     |
| IC003 | INTEGRATED CIRCUIT | SM5126B        | NPC         | PLL          |
| IC857 | INTEGRATED CIRCUIT | NJM2904M (TE3) | JRC         | TONE DECODER |
| IC701 | INTEGRATED CIRCUIT | LMC567CMX      | NATIO SEMI. | DECORDER     |
| IC702 | INTEGRATED CIRCUIT | NJM7808FA      | ROHM        | REGU 8V      |
| IC703 | INTEGRATED CIRCUIT | UPD5555G-T1    | NPC         | ALERT        |
| IC704 | INTEGRATED CIRCUIT | M5278L08       | MITSUBISHI  | REGU 8V      |
|       |                    |                |             |              |
| Q001  | TRANSISTOR         | 2SC1674-L      | NEC         | RF AMP       |
| Q002  | TRANSISTOR         | 2SC1675-L      | NEC         | IF AMP       |
| Q003  | TRANSISTOR         | 2SC1675-L      | NEC         | IF AMP       |
| Q004  | TRANSISTOR         | 2SC1675-L      | NEC         | IF AMP       |
| Q005  | TRANSISTOR         | 2SC1675-L      | NEC         | RF GAIN ATT  |
| Q006  | TRANSISTOR         | 2SC945A-Q      | NEC         | SQ SW        |

|      |            |             |     |            |               |
|------|------------|-------------|-----|------------|---------------|
| Q007 | TRANSISTOR | 2SC2166-C   |     | mitsubishi | TX FINAL      |
| Q008 | TRANSISTOR | 2SC2314F    |     | SANYO      | TX DRIVER     |
| Q009 | TRANSISTOR | 2SC941TM-O  |     | TOSHIBA    | TX PRE-DRIVER |
| Q010 | TRANSISTOR | 2SC945A-Q   |     | NEC        | AF AMP        |
| Q011 | TRANSISTOR | 2SC1675-L   |     | NEC        | VCO           |
| Q012 | TRANSISTOR | 2SC1675-L   |     | NEC        | VCO BUFFER    |
| Q013 | TRANSISTOR | 2SC945A-Q   |     | NEC        | MIC AMP       |
| Q014 | TRANSISTOR | 2SA733-P    |     | NEC        | AMC ATT.      |
| Q015 | TRANSISTOR | 2SC945A-Q   |     | NEC        | REF.OSC       |
| Q016 | TRANSISTOR | 2SA733-P    |     | NEC        | TX 8V SW      |
| Q017 | TRANSISTOR | 2SC2236     |     | TOSHIBA    | REG 8V        |
| Q018 | TRANSISTOR | 2SD1189     |     | SANYO      | DIMMER SW     |
| Q019 | TRANSISTOR | 2SC945A-Q   |     | NEC        | TX SW         |
| Q020 | TRANSISTOR | 2SC1675-L   |     | NEC        | NB RF AMP     |
| Q021 | TRANSISTOR | 2SC945A-Q   |     | NEC        | NB AMP        |
| Q022 | TRANSISTOR | 2SA733-P    |     | NEC        | NB AMP        |
| Q023 | TRANSISTOR | 2SC945A-Q   |     | NEC        | NB SW         |
| Q024 | TRANSISTOR | 2SK192      |     | TOSHIBA    | 1st MIXER     |
| Q025 | TRANSISTOR | 2SC192      |     | TOSHIBA    | 2nd MIXER     |
| Q700 | TRANSISTOR | 2SC3356-R24 | T1B | NEC        | WX RF AMP     |
| Q701 | TRANSISTOR | 2SC3356-R24 | T1B | NEC        | WX RF AMP     |
| Q702 | TRANSISTOR | 2SC3356-R24 | T1B | NEC        | WX MIXER      |
| Q703 | TRANSISTOR | 2SC3356-R24 |     | NEC        | WX LOCAL OSC  |
|      |            | T1B         |     |            |               |
| Q704 | TRANSISTOR | 2SC2812-L5  | TB  | SANYO      | AF AMP        |
| Q705 | TRANSISTOR | 2SD1048-X6  | TB  | SANYO      | WX AF MUTE    |
| Q707 | TRANSISTOR | 2SA1179-M6  | TB  | SANYO      | WX SW         |
| Q708 | TRANSISTOR | 2SA1179-M6  | TB  | SANYO      | WX ALERT SW   |
| Q709 | TRANSISTOR | 2SC2812-L5  | TB  | SANYO      | LED SW        |
| Q710 | TRANSISTOR | 2SA1179-M6  | TB  | SANYO      | CB RX SW      |
| Q711 | TRANSISTOR | 2SC2812-L5  | TB  | SANYO      | WX SW         |
| Q712 | TRANSISTOR | 2SC2812-L5  | TB  | SANYO      | WX IF AMP     |
| Q713 | TRANSISTOR | 2SC2812-L5  | TB  | SANYO      | WX IF AMP     |
| Q714 | TRANSISTOR | 2SC2812-L5  | TB  | SANYO      | WX IF AMP     |
| Q715 | TRANSISTOR | 2SC2812-L5  | TB  | SANYO      | WX SW         |
| Q716 | TRANSISTOR | 2SC3772-3   | TB  | SANYO      | WX LOCAL AMP  |