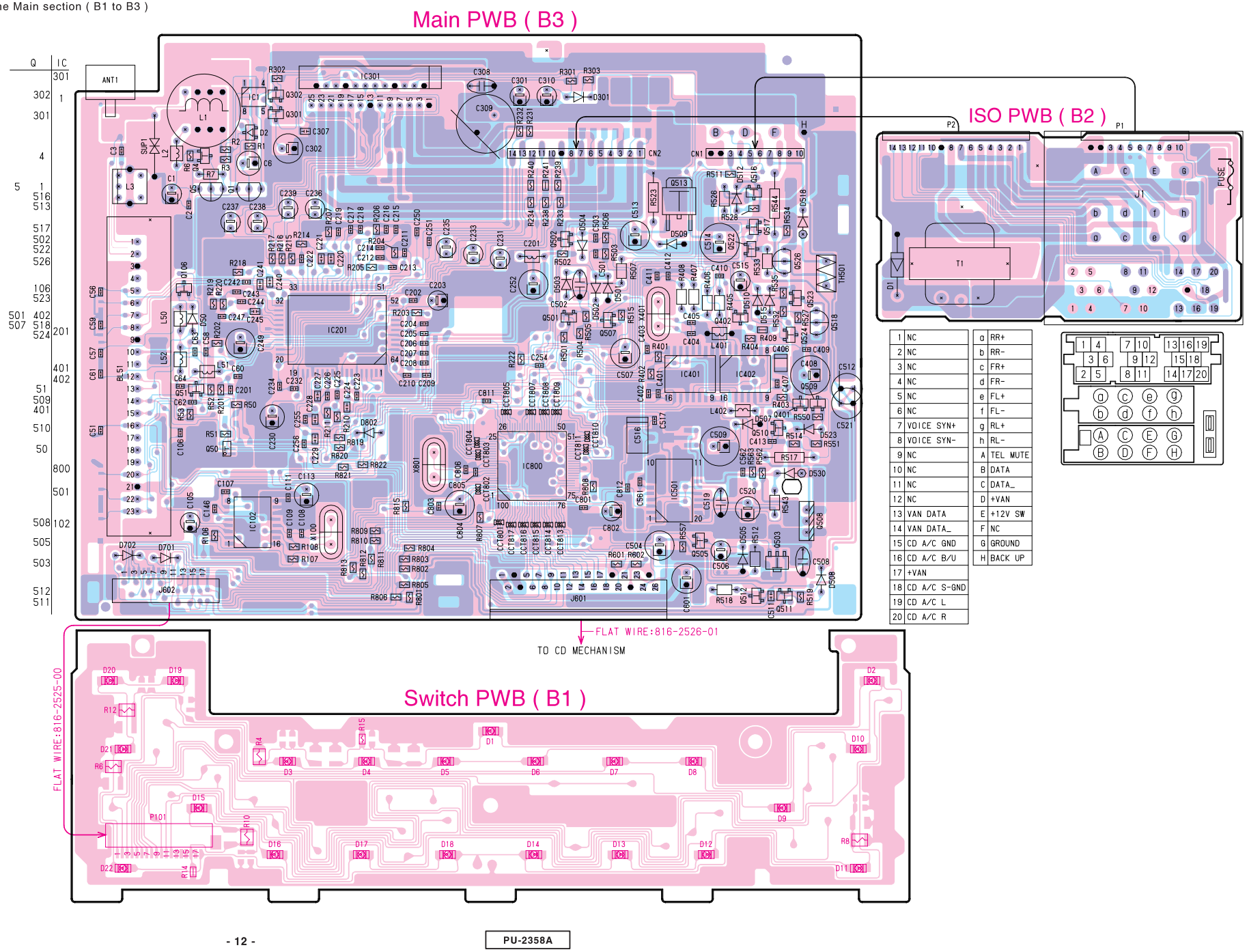
## ■ PRINTED WIRING BOARD

The Main section ( B1 to B3 )




| | |
|---|---|
| 1 | NC |
| 2 | NC |
| 3 | NC |
| 4 | NC |
| 5 | NC |
| 6 | NC |
| 7 | VOICE SYN+ |
| 8 | VOICE SYN- |
| 9 | NC |
| 10 | NC |
| 11 | NC |
| 12 | NC |
| 13 | VAN DATA |
| 14 | VAN DATA_ |
| 15 | CD A/C GND |
| 16 | CD A/C B/U |
| 17 | +VAN |
| 18 | CD A/C S-GND |
| 19 | CD A/C L |
| 20 | CD A/C R |

| | |
|---|---|
| a | RR+ |
| b | RR- |
| c | FR+ |
| d | FR- |
| e | FL+ |
| f | FL- |
| g | RL+ |
| h | RL- |
| A | TEL MUTE |
| B | DATA |
| C | DATA_ |
| D | +VAN |
| E | +12V SW |
| F | NC |
| G | GROUND |
| H | BACK UP |

## ■ ELECTRICAL PARTS LIST of THE CD MECHANISM

### CD Main PWB section ( B4 )

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| C 1 | 163-1073-10 | 6.3V100µ F |
| C 3 | 178-1042-78 | 0.1µ F |
| C 4 | 178-2222-78 | 2200pF |
| C 5 | 178-1042-78 | 0.1µ F |
| C 6 | 178-1042-78 | 0.1µ F |
| C 7 | 178-1042-78 | 0.1µ F |
| C 8 | 176-1501-00 | 15pF CH |
| C 9 | 176-1501-00 | 15pF CH |
| C 10 | 176-1201-00 | 12pF CH |
| C 11 | 178-1042-78 | 0.1µ F |
| C 13 | 178-1042-78 | 0.1µ F |
| C 14 | 178-1042-78 | 0.1µ F |
| C 15 | 178-1042-78 | 0.1µ F |
| C 16 | 178-1042-78 | 0.1µ F |
| C 17 | 163-1073-31 | 16V100µ F |
| C 18 | 176-4701-00 | 47pF CH |
| C 19 | 178-1532-78 | 0.015µ F |
| C 20 | 178-1032-78 | 0.01µ F |
| C 21 | 178-2722-78 | 2700pF |
| C 22 | 178-4722-78 | 4700pF |
| C 23 | 178-1042-78 | 0.1µ F |
| C 24 | 178-1042-78 | 0.1µ F |
| C 25 | 178-1042-78 | 0.1µ F |
| C 26 | 178-4712-78 | 470pF |
| C 27 | 178-4712-78 | 470pF |
| C 28 | 178-4732-78 | 0.047µ F |
| C 29 | 178-4732-78 | 0.047µ F |
| C 30 | 178-4732-78 | 0.047µ F |
| C 31 | 178-4732-78 | 0.047µ F |
| C 32 | 163-4763-05 | 4V47µ F |
| C 33 | 163-4763-05 | 4V47µ F |
| C 34 | 176-1801-00 | 18pF CH |
| C 35 | 176-6097-00 | 6pF CH |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| C 36 | 176-6801-00 | 68pF CH |
| C 37 | 176-2201-00 | 22pF CH |
| C 38 | 178-1042-78 | 0.1µ F |
| C 39 | 163-4763-05 | 4V47µ F |
| C 44 | 178-2242-78 | 0.22µ F |
| C 45 | 178-2242-78 | 0.22µ F |
| C 46 | 163-4763-10 | 6.3V47µ F |
| C 47 | 178-8222-78 | 8200pF |
| C 48 | 178-1042-78 | 0.1µ F |
| C 50 | 163-1073-10 | 6.3V100µ F |
| C 51 | 178-1042-78 | 0.1µ F |
| C 52 | 178-2232-78 | 0.022µ F |
| C 54 | 176-2201-00 | 22pF CH |
| C 61 | 178-1042-78 | 0.1µ F |
| C 63 | 178-1042-78 | 0.1µ F |
| C 64 | 178-1042-78 | 0.1µ F |
| C 65 | 178-1042-78 | 0.1µ F |
| D 4 | 001-0516-00 | MA111 |
| IC 1 | 051-5704-00 | TA2096FN |
| IC 2 | 051-6342-00 | TC9462F |
| IC 3 | 051-6045-08 | BA5984FP |
| J 1 | 074-1138-66 | 16P |
| J 2 | 074-1138-06 | 6P |
| L 1 | 010-3050-93 | 10µ H |
| Q 1 | 101-1188-50 | 2SB1188PQR |
| R 1 | 117-2211-10 | 1/10W 220Ω |
| R 2 | 117-2211-10 | 1/10W 220Ω |
| R 3 | 117-5611-10 | 1/10W 560Ω |
| R 4 | 117-5611-10 | 1/10W 560Ω |
| R 5 | 117-4711-10 | 1/10W 470Ω |
| R 6 | 117-3311-10 | 1/10W 330Ω |
| R 7 | 117-4721-10 | 1/10W 4.7kΩ |
| R 8 | 117-1041-10 | 1/10W 100kΩ |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| R 9 | 117-1031-10 | 1/10W 10kΩ |
| R 10 | 117-4731-10 | 1/10W 47kΩ |
| R 12 | 117-4741-10 | 1/10W 470kΩ |
| R 13 | 117-3331-10 | 1/10W 33kΩ |
| R 14 | 117-3321-10 | 1/10W 3.3kΩ |
| R 15 | 117-1031-10 | 1/10W 10kΩ |
| R 16 | 117-3321-10 | 1/10W 3.3kΩ |
| R 17 | 117-3321-10 | 1/10W 3.3kΩ |
| R 18 | 117-3321-10 | 1/10W 3.3kΩ |
| R 19 | 117-3321-10 | 1/10W 3.3kΩ |
| R 20 | 117-3321-10 | 1/10W 3.3kΩ |
| R 21 | 117-2221-10 | 1/10W 2.2kΩ |
| R 22 | 117-8211-10 | 1/10W 820Ω |
| R 23 | 117-9131-10 | 1/10W 91kΩ |
| R 24 | 117-1041-10 | 1/10W 100kΩ |
| R 25 | 117-1041-10 | 1/10W 100kΩ |
| R 26 | 117-1841-10 | 1/10W 180kΩ |
| R 27 | 117-1841-10 | 1/10W 180kΩ |
| R 28 | 117-2211-10 | 1/10W 220Ω |
| R 29 | 117-2201-10 | 1/10W 22Ω |
| R 30 | 117-1041-10 | 1/10W 100kΩ |
| R 31 | 117-1041-10 | 1/10W 100kΩ |
| R 32 | 117-1041-10 | 1/10W 100kΩ |
| R 33 | 117-1041-10 | 1/10W 100kΩ |
| R 34 | 117-1041-10 | 1/10W 100kΩ |
| R 35 | 117-2241-10 | 1/10W 220kΩ |
| R 36 | 117-1041-10 | 1/10W 100kΩ |
| R 37 | 117-1041-10 | 1/10W 100kΩ |
| R 38 | 117-8231-10 | 1/10W 82kΩ |
| R 39 | 117-1841-10 | 1/10W 180kΩ |
| X 1 | 061-3500-90 | 16.920MHz |

### Sensor PWB section ( B5 )

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| Q 101 | 060-0252-01 | PT4850F |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| Q 102 | 060-0252-01 | PT4850F |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| Q 103 | 060-0252-01 | PT4850F |

### Chucking Switch PWB section ( B6 )

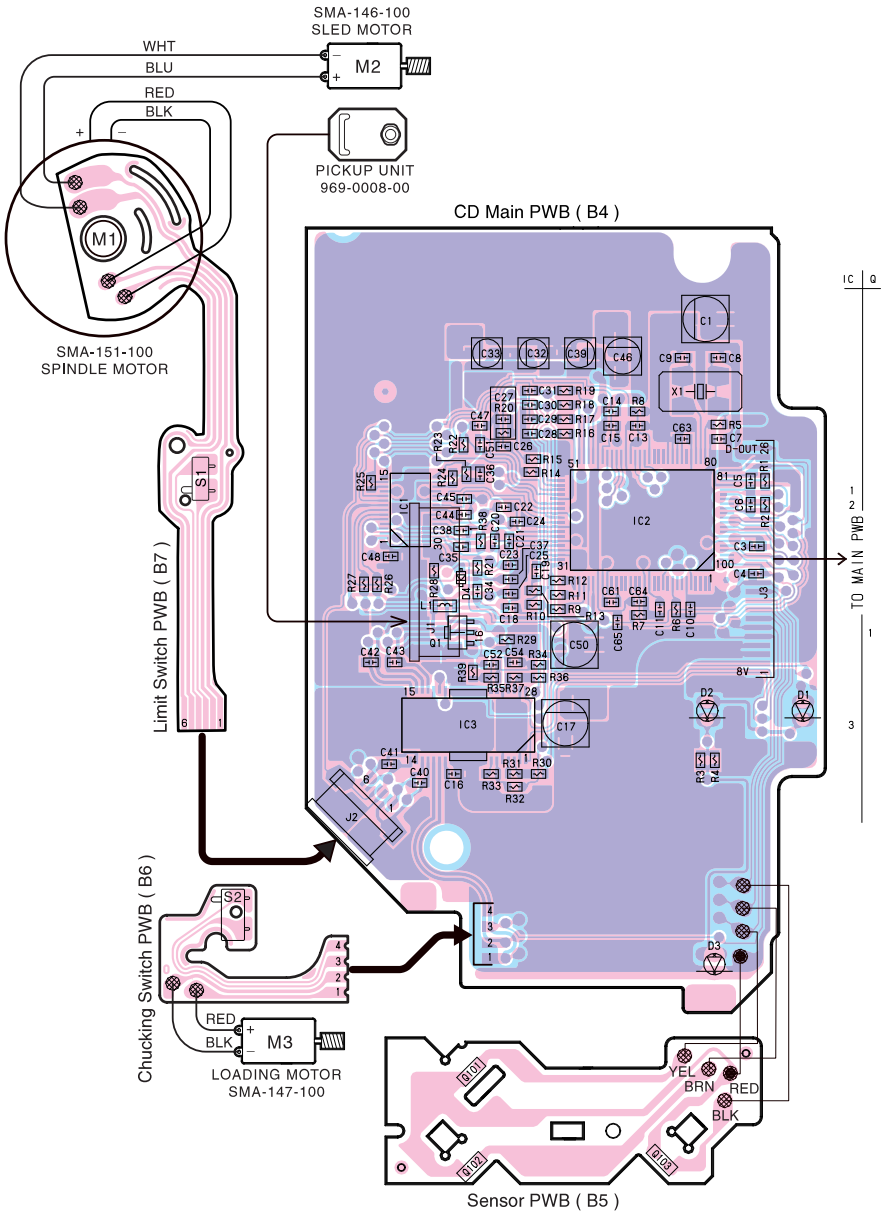
| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| S 2 | 013-3879-01 | SPPB12 |

### Limit Switch PWB section ( B7 )

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| S 1 | 013-7100-00 | SPPB11 |

## ■ PRINTED WIRING BOARD of THE CD MECHANISM

CD Mechanism PWB(B4 to B7) section






PU-2358A