

**ISDN (H143)**

**PARTS CATALOG**

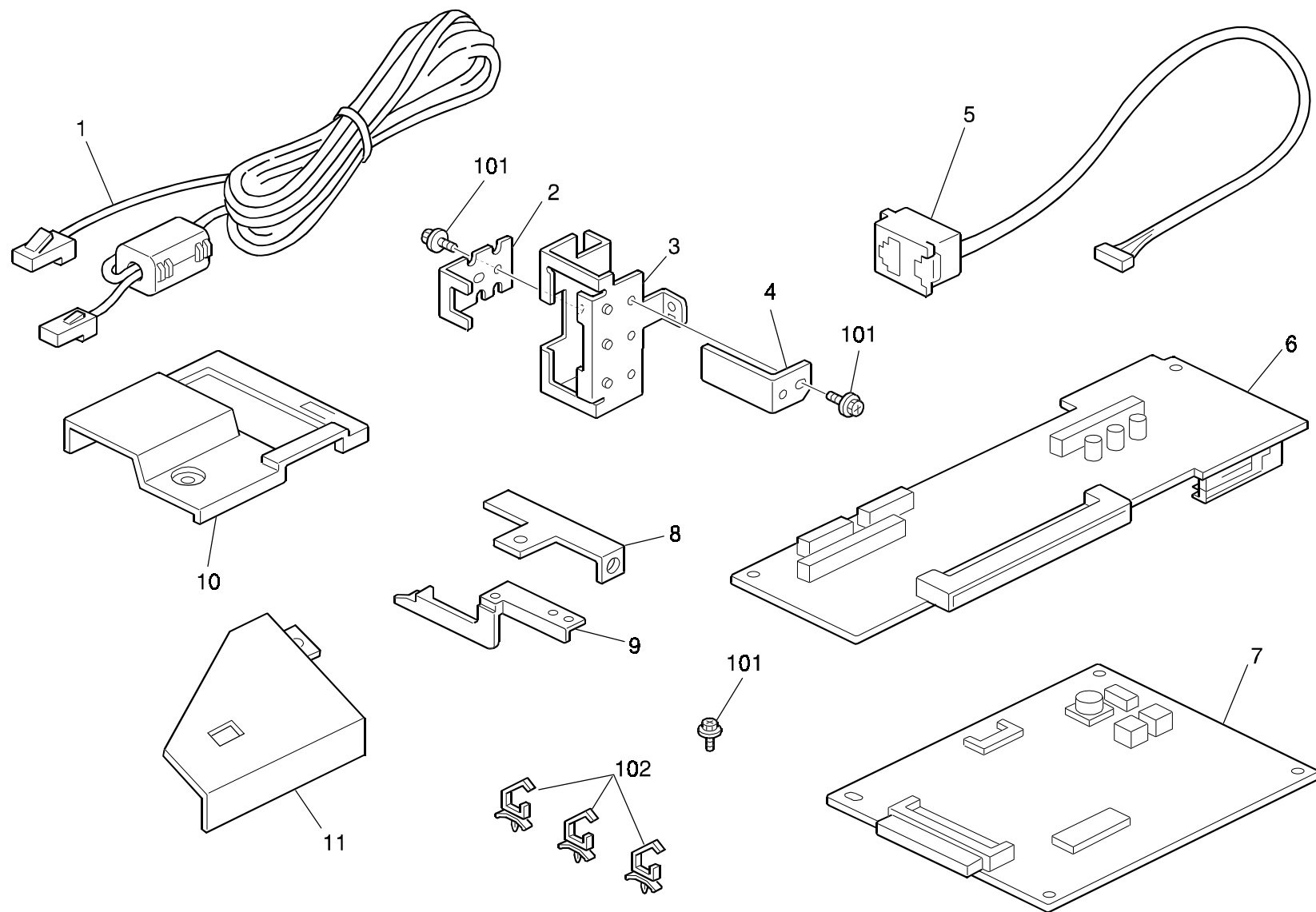
**INTRODUCTION**

This chapter instructs you the numbers and names of parts on this machine.

**INDEX to PARTS CATALOG**

|                               |           |
|-------------------------------|-----------|
| 1.ISDN (H143) .....           | 2         |
| 2.SIG4 BOARTD NA (H143) ..... | 4         |
| 3.SIG4 BOARTD EU (H143) ..... | 8         |
| <b>PARTS INDEX .....</b>      | <b>13</b> |

## 2.SIG4 BOARTD NA (H143)



## 2.SIG4 BOARTE NA (H143)

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 1         | H306 5217 | ISDN Harness                    | 1                 |
| 2         | H306 4623 | Bracket - Option Modulator Jack | 1                 |
| 3         | H306 4635 | Bracket - Connectors            | 1                 |
| 4         | H306 4646 | Plate - Option Connector        | 1                 |
| 5         | H306 5143 | Harness - G4                    | 1                 |
| 6         | H306 6061 | PCB - OPIF                      | 1                 |
| 7         | H547 6180 | PCB - SIG4 USA                  | 1                 |
| 7         | H547 6170 | PCB - SIG4 EUR/ASIA             | 1                 |
| 8         | H306 4633 | Bracket - OPIF - Front          | 1                 |
| 9         | H306 4641 | Bracket - OPIF - Rear           | 1                 |
| 10        | H306 4065 | Cover - Option Connectors       | 1                 |
| 11        | H306 4666 | G4 Board Cover (EUR/ASIA)       | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0451 3006B | Tapping Screw - M3x6 |                   |
| 102       | 1105 0460  | Clamp                |                   |
| 103       | 1607 0576  | Sleeve Core - SFC-8  |                   |

## 2.SIG4 BOARTD NA (H143)

### CAPACITOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C1         | 121       | ----       | ---       | ----       | ---       | C31        | 139       | ----       | ---       | ----       | ---       | C61        | 153       |
| C2         | 148       | ----       | ---       | ----       | ---       | ----       | ---       | ----       | ---       | ----       | ---       | C62        | 152       |
| C3         | 153       | C13        | 147       | ----       | ---       | C33        | 153       | C42        | 153       | C53        | 153       | C63        | 152       |
| C4         | 153       | C14        | 149       | C24        | 122       | ----       | ---       | C43        | 123       | C54        | 153       | C64        | 153       |
| C5         | 153       | ----       | ---       | C25        | 122       | C35        | 151       | C44        | 153       | C55        | 153       | ----       | ---       |
| C6         | 153       | ----       | ---       | C26        | 150       | C36        | 151       | C45        | 153       | C56        | 153       | ----       | ---       |
| C7         | 153       | C17        | 153       | C27        | 153       | ----       | ---       | ----       | ---       | C57        | 153       | C67        | 153       |
| C8         | 153       | ----       | ---       | C28        | 153       | ----       | ---       | C46        | 153       | C58        | 153       | ----       | ---       |
| ----       | ---       | ----       | ---       | ----       | ---       | ----       | ---       | C48        | 153       | ----       | ---       | ----       | ---       |
| ----       | ---       | ----       | ---       | C30        | 153       | ----       | ---       | C49        | 153       | ----       | ---       | ----       | ---       |
|            |           |            |           |            |           |            |           | C50        | 153       | C60        | 153       |            |           |

### CONNECTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ----       | ---       |
| ----       | ---       |
| ----       | ---       |
| CN4        | 103       |
| CN5        | 101       |
| CN6        | 102       |

### DIODE

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| D1         | 107       |

### DA

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| DA1        | 109       |
| DA2        | 106       |
| DA3        | 109       |
| DA4        | 106       |

### FILTER

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| FIL1       | 127       |
| FIL2       | 125       |
| FIL3       | 127       |
| FIL4       | 127       |

### FUSE

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| FU1        | 105       |
| FU2        | 105       |
| FU3        | 105       |
| FU4        | 105       |

### IC

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|
| ----       | ---       | ----       | ---       |
| IC2        | 1         | IC12       | 116       |
| IC3        | 114       | IC13       | 112       |
| ----       | ---       | IC14       | 154       |
| IC5        | 113       | ----       | ---       |
| IC6        | 113       |            |           |
| IC7        | 113       |            |           |
| IC8        | 115       |            |           |
| ----       | ---       |            |           |
| IC10       | 118       |            |           |

## 2.SIG4 BOARTD NA (H143)

### JP

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| JP9        | 139       |
| JP16       | 139       |

### L

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| L1         | 124       |
| L2         | 124       |

### LED

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| LED5       | 110       |
| LED6       | 110       |
| LED7       | 110       |
| LED8       | 110       |

### OSC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| OSC2       | 119       |

### RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| R4         | 139       |
| R5         | 131       |
| R6         | 139       |
| R7         | 139       |
| R8         | 139       |
| R9         | 145       |
| R10        | 146       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R11        | 131       |
| R12        | 131       |
| R13        | 131       |
| R14        | 131       |
| R15        | 131       |
| R16        | 131       |
| R17        | 134       |
| R18        | 134       |
| R19        | 134       |
| R20        | 134       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R21        | 131       |
| ---        | ---       |
| ---        | ---       |
| R24        | 139       |
| R25        | 144       |
| R26        | 136       |
| R27        | 136       |
| R28        | 144       |
| R29        | 143       |
| R30        | 143       |

### RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R31        | 138       |
| R32        | 137       |
| R33        | 138       |
| R34        | 137       |
| R35        | 131       |
| R36        | 131       |
| R37        | 134       |
| R38        | 134       |
| R39        | 134       |
| R40        | 134       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R41        | 134       |
| R42        | 134       |
| ---        | ---       |
| R54        | 142       |
| R55        | 136       |
| R56        | 141       |
| R57        | 135       |
| R58        | 141       |
| R59        | 140       |
| R60        | 140       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R61        | 131       |
| R62        | 130       |
| R63        | 130       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| R68        | 136       |
| R69        | 134       |
| R70        | 131       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R71        | 129       |
| ---        | ---       |
| R73        | 133       |
| R74        | 133       |
| R75        | 133       |
| R76        | 133       |
| R77        | 130       |
| R78        | 132       |
| R79        | 130       |
| R80        | 132       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R81        | 130       |
| R82        | 130       |
| R83        | 130       |
| R84        | 130       |
| R85        | 128       |
| R86        | 128       |

### REG

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| REG1       | 117       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN1        | 120       |
| RN2        | 120       |
| RN3        | 120       |
| RN4        | 120       |
| RN5        | 120       |
| RN6        | 120       |
| RN7        | 120       |
| RN8        | 120       |

## 2.SIG4 BOARTD NA (H143)

T

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| T1            | 126          |
| T2            | 126          |

TB

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| TB1           | 152          |
| TB2           | 152          |

V

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| V1            | 111          |
| V2            | 111          |
| V3            | 111          |
| V4            | 111          |

ZD

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| ZD1           | 108          |
| ZD2           | 108          |

## 2.SIG4 BOARTD NA (H143)

| Index No. | Part No.  | Description    | Q'ty Per Assembly |
|-----------|-----------|----------------|-------------------|
| *         | H547 6180 | PCB - SIG4 USA | 1                 |

| Index No. | Part No.  | Description                                  | Q'ty Per Assembly |
|-----------|-----------|----------------------------------------------|-------------------|
| 101       | 1102 6730 | Connector - 60P                              |                   |
| 102       | 1102 8069 | Connector 95001-2881                         |                   |
| 103       | 1103 1543 | Connector - 4P                               |                   |
| 104       | 1103 3029 | Connector - 2P                               |                   |
| 105       | 1107 0940 | Fuse 230001                                  |                   |
| 106       | 1402 1057 | Diode Array - DAP202U                        |                   |
| 107       | 1402 1058 | Diode Array - DA114                          |                   |
| 108       | 1402 1111 | Diode - HZM5.1NB2                            |                   |
| 109       | 1402 1322 | Diode Array - DAN202U                        |                   |
| 110       | 1403 0939 | LED SML - 210DT                              |                   |
| 111       | 1404 0938 | Varistor TNRSV271K                           |                   |
| 112       | 1407 2945 | Voltage Detector - RH5VA43AX                 |                   |
| 113       | 1407 4834 | IC - NJU4053BV                               |                   |
| 114       | 1407 5032 | IC - MBM29F400TC-70pFTN                      |                   |
| 115       | 1407 5035 | Access Contoroller PSB2186N V1.1             |                   |
| 116       | 1408 0461 | IC - NJM4558M                                |                   |
| 117       | 1408 1295 | IC - UPC2933T                                |                   |
| 118       | 1408 1415 | Filter MC14LC5480DW                          |                   |
| 119       | 1503 0879 | Oscilator 7.68MHz                            |                   |
| 120       | 1601 7812 | Resistor Array - 100 $\Omega$ $\pm$ 5% 1/16W |                   |
| 121       | 1604 4719 | Capacitor - 10 $\mu$ F $\pm$ 20% 10V         |                   |
| 122       | 1605 0237 | Capacitor - 0.033 $\mu$ F25V                 |                   |
| 123       | 1605 1032 | Capacitor - 0.1 $\mu$ F $\pm$ 10% 16V        |                   |
| 124       | 1607 0396 | Choke - SBT-0180W                            |                   |
| 125       | 1607 0536 | Fuse Core - EXCELD35C                        |                   |
| 126       | 1607 1097 | Pulse Transformer T60403-L5032-X040          |                   |
| 127       | 1607 1134 | Filter BLM11B1825PB                          |                   |
| 128       | 1630 3101 | Resistor - 100 $\Omega$ - 1/10W              |                   |
| 129       | 1630 4100 | Resistor - 10 $\Omega$ $\pm$ 5% 1/16W        |                   |
| 130       | 1630 4101 | Resistor - 100 $\Omega$ $\pm$ 5% 1/16W       |                   |
| 131       | 1630 4104 | Resistor - 100 $\Omega$ $\pm$ 5% 1/16W       |                   |
| 132       | 1630 4201 | Resistor - 200 OH                            |                   |
| 133       | 1630 4202 | Registor - 2k $\Omega$ - $\pm$ 5% -          |                   |
| 134       | 1630 4330 | Resistor - 33 $\Omega$ $\pm$ 5% 1/8W         |                   |



| Index No. | Part No.  | Description                                   | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------------------|-------------------|
| 135       | 1630 4394 | Resistor - 390k $\Omega$ - $\pm 5\%$ - 1/16W  |                   |
| 136       | 1630 4472 | Resistor - 4.7K $\Omega$ $\pm 5\%$ 1/16W      |                   |
| 137       | 1633 3309 | Resistor - 33 Ohm $\pm$                       |                   |
| 138       | 1633 8201 | Resistor - 8.2k $\Omega$ $\pm 1\%$ 1/10W      |                   |
| 139       | 1634 0000 | Resistor - 0 $\Omega$ 1/16W                   |                   |
| 140       | 1634 1002 | Resistor - 10 $\Omega$ $\pm 5\%$ 1/16W        |                   |
| 141       | 1634 1003 | Resistor - 100K $\Omega$ $\pm 1\%$ 1/16W      |                   |
| 142       | 1634 1203 | Resistor - 120K $\Omega$ $\pm 1\%$ 1/16W      |                   |
| 143       | 1634 1801 | Resistor - 1.80k $\Omega$ - $\pm 1\%$ - 1/16W |                   |
| 144       | 1634 4702 | Resistor - 47.0k $\Omega$ - $\pm 1\%$ - 1/16W |                   |
| 145       | 1634 4872 | Resistor - 48k $\Omega$ - $\pm 1\%$           |                   |
| 146       | 1634 9762 | Resistor - 97.6k $\Omega$ - $\pm 1\%$         |                   |
| 147       | 1644 1100 | Capacitor - 10 $\mu$ F $\pm 20\%$ 16V         |                   |
| 148       | 1644 1470 | Capacitor - 47 $\mu$ F $\pm 20\%$ 16V         |                   |
| 149       | 1644 2100 | Capacitor - 10 $\mu$ F $\pm 20\%$ 25V         |                   |
| 150       | 1660 2151 | Capacitor - 150pF $\pm 20\%$ 35V              |                   |
| 151       | 1660 2470 | Capacitor - 47pF                              |                   |
| 152       | 1660 3220 | Capacitor - 122pF $\pm 5\%$ 50V               |                   |
| 153       | 1660 8104 | Capacitor - 0.1 $\mu$ F+80-20% 25V            |                   |
| 154       | 1903 1015 | DRAM - 16M 1MX16 60NS EDO G8                  |                   |

| Index No. | Part No. | Description | Q'ty Per Assembly |
|-----------|----------|-------------|-------------------|
|           |          |             |                   |

### 3.SIG4 BOARTD EU (H143)

#### CAPACITOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C1         | 119       | ---        | ---       | ---        | ---       | C31        | 136       | ---        | ---       | ---        | ---       | C61        | 150       |
| C2         | 145       | ---        | ---       | ---        | ---       | ---        | ---       | C42        | 150       | ---        | ---       | C62        | 149       |
| C3         | 150       | C13        | 144       | ---        | ---       | C33        | 150       | C43        | 121       | C53        | 150       | C63        | 149       |
| C4         | 150       | C14        | 146       | C24        | 120       | ---        | ---       | C44        | 150       | C54        | 150       | C64        | 150       |
| C5         | 150       | ---        | ---       | C25        | 120       | C35        | 148       | C45        | 150       | C55        | 150       | ---        | ---       |
| C6         | 150       | ---        | ---       | C26        | 147       | C36        | 148       | C46        | 150       | C56        | 150       | ---        | ---       |
| C7         | 150       | C17        | 150       | C27        | 150       | ---        | ---       | ---        | ---       | C57        | 150       | C67        | 150       |
| C8         | 150       | ---        | ---       | C28        | 150       | ---        | ---       | C48        | 150       | C58        | 150       | ---        | ---       |
| ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | C49        | 150       | ---        | ---       | ---        | ---       |
| ---        | ---       | ---        | ---       | C30        | 150       | ---        | ---       | C50        | 150       | C60        | 150       | ---        | ---       |

#### CONNECTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CN4        | 103       |
| CN5        | 101       |
| CN6        | 102       |

#### DIODE

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| D1         | 105       |

#### DA

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| DA1        | 107       |
| DA2        | 104       |
| DA3        | 107       |
| DA4        | 104       |

#### FILTER

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| FIL1       | 125       |
| FIL2       | 123       |
| FIL3       | 125       |
| FIL4       | 125       |
| FIL5       | 152       |
| FIL6       | 152       |
| FIL7       | 152       |
| FIL8       | 152       |

#### IC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC2        | 2         |
| IC3        | 112       |
| IC5        | 111       |
| IC6        | 111       |
| IC7        | 111       |
| IC8        | 113       |
| IC10       | 116       |
| IC12       | 114       |
| IC13       | 110       |
| IC14       | 151       |

#### JP

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| JP9        | 136       |
| JP16       | 136       |

#### L

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| L1         | 122       |
| L2         | 122       |

### 3.SIG4 BOARTD EU (H143)

#### LED

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| LED5       | 108       |
| LED6       | 108       |
| LED7       | 108       |
| LED8       | 108       |

#### OSC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| OSC2       | 117       |

#### RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ----       | ---       |
| ----       | ---       |
| ----       | ---       |
| R4         | 136       |
| R5         | 128       |
|            |           |
| R6         | 136       |
| R7         | 136       |
| R8         | 136       |
| R9         | 142       |
| R10        | 143       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R11        | 128       |
| R12        | 128       |
| R13        | 128       |
| R14        | 128       |
| R15        | 128       |
|            |           |
| R16        | 128       |
| R17        | 131       |
| R18        | 131       |
| R19        | 131       |
| R20        | 131       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R21        | 128       |
| ----       | ---       |
| ----       | ---       |
| R24        | 136       |
| R25        | 141       |
|            |           |
| R26        | 133       |
| R27        | 133       |
| R28        | 141       |
| R29        | 140       |
| R30        | 140       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R31        | 135       |
| R32        | 134       |
| R33        | 135       |
| R34        | 134       |
| R35        | 128       |
|            |           |
| R36        | 128       |
| R37        | 131       |
| R38        | 131       |
| R39        | 131       |
| R40        | 131       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R41        | 131       |
| R42        | 131       |
| ----       | ---       |
| ----       | ---       |
| ----       | ---       |
|            |           |
| ----       | ---       |
| ----       | ---       |
| ----       | ---       |
| ----       | ---       |

#### RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ----       | ---       |
| ----       | ---       |
| ----       | ---       |
| R54        | 139       |
| R55        | 133       |
|            |           |
| R56        | 138       |
| R57        | 132       |
| R58        | 138       |
| R59        | 137       |
| R60        | 137       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R61        | 128       |
| R62        | 127       |
| R63        | 127       |
| ----       | ---       |
| ----       | ---       |
|            |           |
| ----       | ---       |
| ----       | ---       |
| R68        | 133       |
| R69        | 131       |
| R70        | 128       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R71        | 126       |
| ----       | ---       |
| R73        | 130       |
| R74        | 130       |
| R75        | 130       |
|            |           |
| R76        | 130       |
| R77        | 127       |
| R78        | 129       |
| R79        | 127       |
| R80        | 129       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R81        | 127       |
| R82        | 127       |
| R83        | 127       |
| R84        | 127       |

#### REG

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| REG1       | 115       |

#### RN

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN1        | 118       |
| RN2        | 118       |
| RN3        | 118       |
| RN4        | 118       |
| RN5        | 118       |
|            |           |
| RN6        | 118       |
| RN7        | 118       |
| RN8        | 118       |

#### T

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| T1         | 124       |
| T2         | 124       |

3.SIG4 BOARTD EU (H143)

V

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| V1            | 109          |
| V2            | 109          |
| V3            | 109          |
| V4            | 109          |

ZD

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| ZD1           | 106          |
| ZD2           | 106          |

### 3.SIG4 BOARTD EU (H143)

| Index No. | Part No.  | Description         | Q'ty Per Assembly |
|-----------|-----------|---------------------|-------------------|
| *         | H547 6170 | PCB - SIG4 EUR/ASIA | 1                 |

| Index No. | Part No.  | Description                                  | Q'ty Per Assembly |
|-----------|-----------|----------------------------------------------|-------------------|
| 101       | 1102 6730 | Connector - 60P                              |                   |
| 102       | 1102 8069 | Connector 95001-2881                         |                   |
| 103       | 1103 1543 | Connector - 4P                               |                   |
| 104       | 1402 1057 | Diode Array - DAP202U                        |                   |
| 105       | 1402 1058 | Diode Array - DA114                          |                   |
| 106       | 1402 1111 | Diode - HZM5.1NB2                            |                   |
| 107       | 1402 1322 | Diode Array - DAN202U                        |                   |
| 108       | 1403 0939 | LED SML - 210DT                              |                   |
| 109       | 1404 0939 | Varistor - TNR5V431K                         |                   |
| 110       | 1407 2945 | Voltage Detector - RH5VA43AX                 |                   |
| 111       | 1407 4834 | IC - NJU4053BV                               |                   |
| 112       | 1407 5032 | IC - MBM29F400TC-70pFTN                      |                   |
| 113       | 1407 5035 | Access Contoroller PSB2186N V1.1             |                   |
| 114       | 1408 0461 | IC - NJM4558M                                |                   |
| 115       | 1408 1295 | IC - UPC2933T                                |                   |
| 116       | 1408 1415 | Filter MC14LC5480DW                          |                   |
| 117       | 1503 0879 | Oscilator 7.68MHz                            |                   |
| 118       | 1601 7812 | Resistor Array - 100 $\Omega$ $\pm$ 5% 1/16W |                   |
| 119       | 1604 4719 | Capacitor - 10 $\mu$ F $\pm$ 20% 10V         |                   |
| 120       | 1605 0237 | Capacitor - 0.033 $\mu$ F25V                 |                   |
| 121       | 1605 1032 | Capacitor - 0.1 $\mu$ F $\pm$ 10% 16V        |                   |
| 122       | 1607 0396 | Choke - SBT-0180W                            |                   |
| 123       | 1607 0536 | Fuse Core - EXCELD35C                        |                   |
| 124       | 1607 1097 | Pulse Transformer T60403-L5032-X040          |                   |
| 125       | 1607 1134 | Filter BLM11B1825PB                          |                   |
| 126       | 1630 4100 | Resistor - 10 $\Omega$ $\pm$ 5% 1/16W        |                   |
| 127       | 1630 4101 | Resistor - 100 $\Omega$ $\pm$ 5% 1/16W       |                   |
| 128       | 1630 4104 | Resistor - 100 $\Omega$ $\pm$ 5% 1/16W       |                   |
| 129       | 1630 4201 | Resistor - 200 OH                            |                   |
| 130       | 1630 4202 | Registor - 2k $\Omega$ - $\pm$ 5% -          |                   |
| 131       | 1630 4330 | Resistor - 33 $\Omega$ $\pm$ 5% 1/8W         |                   |
| 132       | 1630 4394 | Registor - 390k $\Omega$ - $\pm$ 5% - 1/16W  |                   |
| 133       | 1630 4472 | Resistor - 4.7K $\Omega$ $\pm$ 5% 1/16W      |                   |
| 134       | 1633 3309 | Resistor - 33 0hm $\pm$                      |                   |

| Index No. | Part No.  | Description                                   | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------------------|-------------------|
| 135       | 1633 8201 | Resistor - 8.2k $\Omega$ $\pm 1\%$ 1/10W      |                   |
| 136       | 1634 0000 | Resistor - 0 $\Omega$ 1/16W                   |                   |
| 137       | 1634 1002 | Resistor - 10 $\Omega$ $\pm 5\%$ 1/16W        |                   |
| 138       | 1634 1003 | Resistor - 100K $\Omega$ $\pm 1\%$ 1/16W      |                   |
| 139       | 1634 1203 | Resistor - 120K $\Omega$ $\pm 1\%$ 1/16W      |                   |
| 140       | 1634 1801 | Resistor - 1.80k $\Omega$ - $\pm 1\%$ - 1/16W |                   |
| 141       | 1634 4702 | Resistor - 47.0k $\Omega$ - $\pm 1\%$ - 1/16W |                   |
| 142       | 1634 4872 | Resistor - 48k $\Omega$ - $\pm 1\%$           |                   |
| 143       | 1634 9762 | Resistor - 97.6k $\Omega$ - $\pm 1\%$         |                   |
| 144       | 1644 1100 | Capacitor - 10 $\mu$ F $\pm 20\%$ 16V         |                   |
| 145       | 1644 1470 | Capacitor - 47 $\mu$ F $\pm 20\%$ 16V         |                   |
| 146       | 1644 2100 | Capacitor - 10 $\mu$ F $\pm 20\%$ 25V         |                   |
| 147       | 1660 2151 | Capacitor - 150pF $\pm 20\%$ 35V              |                   |
| 148       | 1660 2470 | Capacitor - 47pF                              |                   |
| 149       | 1660 3220 | Capacitor - 122pF $\pm 5\%$ 50V               |                   |
| 150       | 1660 8104 | Capacitor - 0.1 $\mu$ F+80-20% 25V            |                   |
| 151       | 1903 1015 | DRAM - 16M 1MX16 60NS EDO G8                  |                   |

| Index No. | Part No. | Description | Q'ty Per Assembly |
|-----------|----------|-------------|-------------------|
|           |          |             |                   |

# **PARTS INDEX**

| Part No.  | Description                   | Page and Index No. |
|-----------|-------------------------------|--------------------|
| H306 4065 | Cover - Option Connectors     | 3- 10              |
| H306 4623 | Bracket - Option Modular Jack | 3- 2               |
| H306 4633 | Bracket - OPIF - Front        | 3- 8               |
| H306 4635 | Bracket - Connectors          | 3- 3               |
| H306 4641 | Bracket - OPIF - Rear         | 3- 9               |
| H306 4646 | Plate - Option Connector      | 3- 4               |
| H306 4666 | G4 Board Cover (EUR/ASIA)     | 3- 11              |
| H306 5143 | Harness - G4                  | 3- 5               |
| H306 5217 | ISDN Harness                  | 3- 1               |
| H306 6061 | PCB - OPIF                    | 3- 6               |
| H547 6170 | PCB - SIG4 EUR/ASIA           | 11- *              |
| H547 6170 | PCB - SIG4 EUR/ASIA           | 3- 7               |
| H547 6180 | PCB - SIG4 USA                | 7- *               |
| H547 6180 | PCB - SIG4 USA                | 3- 7               |

| Part No.   | Description                      | Page and Index No |
|------------|----------------------------------|-------------------|
| 0451 3006B | Tapping Screw - M3x6             | 3-101             |
| 1102 6730  | Connector - 60P                  | 11-101            |
| 1102 6730  | Connector - 60P                  | 7-101             |
| 1102 8069  | Connector 95001-2881             | 7-102             |
| 1102 8069  | Connector 95001-2881             | 11-102            |
| 1103 1543  | Connector - 4P                   | 7-103             |
| 1103 1543  | Connector - 4P                   | 11-103            |
| 1103 3029  | Connector - 2P                   | 7-104             |
| 1105 0460  | Clamp                            | 3-102             |
| 1107 0940  | Fuse 230001                      | 7-105             |
| 1402 1057  | Diode Array - DAP202U            | 7-106             |
| 1402 1057  | Diode Array - DAP202U            | 11-104            |
| 1402 1058  | Diode Array - DA114              | 7-107             |
| 1402 1058  | Diode Array - DA114              | 11-105            |
| 1402 1111  | Diode - HZM5.1NB2                | 7-108             |
| 1402 1111  | Diode - HZM5.1NB2                | 11-106            |
| 1402 1322  | Diode Array - DAN202U            | 7-109             |
| 1402 1322  | Diode Array - DAN202U            | 11-107            |
| 1403 0939  | LED SML - 210DT                  | 11-108            |
| 1403 0939  | LED SML - 210DT                  | 7-110             |
| 1404 0938  | Varistor TNRSV271K               | 7-111             |
| 1404 0939  | Varistor - TNR5V431K             | 11-109            |
| 1407 2945  | Voltage Detector - RH5VA43AX     | 7-112             |
| 1407 2945  | Voltage Detector - RH5VA43AX     | 11-110            |
| 1407 4834  | IC - NJU4053BV                   | 11-111            |
| 1407 4834  | IC - NJU4053BV                   | 7-113             |
| 1407 5032  | IC - MBM29F400TC-70PFTN          | 7-114             |
| 1407 5032  | IC - MBM29F400TC-70PFTN          | 11-112            |
| 1407 5035  | Access Contoroller PSB2186N V1.1 | 7-115             |
| 1407 5035  | Access Contoroller PSB2186N V1.1 | 11-113            |
| 1408 0461  | IC - NJM4558M                    | 7-116             |
| 1408 0461  | IC - NJM4558M                    | 11-114            |
| 1408 1295  | IC - UPC2933T                    | 7-117             |
| 1408 1295  | IC - UPC2933T                    | 11-115            |
| 1408 1415  | Filter MC14LC5480DW              | 7-118             |



| Part No.  | Description                                  | Page and Index No. |
|-----------|----------------------------------------------|--------------------|
| 1408 1415 | Filter MC14LC5480DW                          | 11-116             |
| 1503 0879 | Oscillator 7.68MHz                           | 7-119              |
| 1503 0879 | Oscillator 7.68MHz                           | 11-117             |
| 1601 7812 | Resistor Array - 100 $\Omega$ $\pm$ 5% 1/16W | 7-120              |
| 1601 7812 | Resistor Array - 100 $\Omega$ $\pm$ 5% 1/16W | 11-118             |
| 1604 4719 | Capacitor - 10 $\mu$ F $\pm$ 20% 10V         | 11-119             |
| 1604 4719 | Capacitor - 10 $\mu$ F $\pm$ 20% 10V         | 7-121              |
| 1605 0237 | Capacitor - 0.033 $\mu$ F 25V                | 7-122              |
| 1605 0237 | Capacitor - 0.033 $\mu$ F 25V                | 11-120             |
| 1605 1032 | Capacitor - 0.1 $\mu$ F $\pm$ 10% 16V        | 11-121             |
| 1605 1032 | Capacitor - 0.1 $\mu$ F $\pm$ 10% 16V        | 7-123              |
| 1607 0396 | Choke - SBT-0180W                            | 11-122             |
| 1607 0396 | Choke - SBT-0180W                            | 7-124              |
| 1607 0536 | Fuse Core - EXCELD35C                        | 7-125              |
| 1607 0536 | Fuse Core - EXCELD35C                        | 11-123             |
| 1607 0576 | Sleeve Core - SFC-8                          | 3-103              |
| 1607 1097 | Pulse Transformer T60403-L5032-X040          | 11-124             |
| 1607 1097 | Pulse Transformer T60403-L5032-X040          | 7-126              |
| 1607 1134 | Filter BLM11B1825PB                          | 11-125             |
| 1607 1134 | Filter BLM11B1825PB                          | 7-127              |
| 1630 3101 | Resistor - 100 $\Omega$ - 1/10W              | 7-128              |
| 1630 4100 | Resistor - 10 $\Omega$ $\pm$ 5% 1/16W        | 11-126             |
| 1630 4100 | Resistor - 10 $\Omega$ $\pm$ 5% 1/16W        | 7-129              |
| 1630 4101 | Resistor - 100 $\Omega$ $\pm$ 5% 1/16W       | 11-127             |
| 1630 4101 | Resistor - 100 $\Omega$ $\pm$ 5% 1/16W       | 7-130              |
| 1630 4104 | Resistor - 100 $\Omega$ $\pm$ 5% 1/16W       | 11-128             |
| 1630 4104 | Resistor - 100 $\Omega$ $\pm$ 5% 1/16W       | 7-131              |
| 1630 4201 | Resistor - 200 $\Omega$                      | 7-132              |
| 1630 4201 | Resistor - 200 $\Omega$                      | 11-129             |
| 1630 4202 | Resistor - 2k $\Omega$ - $\pm$ 5% -          | 11-130             |
| 1630 4202 | Resistor - 2k $\Omega$ - $\pm$ 5% -          | 7-133              |
| 1630 4330 | Resistor - 33 $\Omega$ $\pm$ 5% 1/8W         | 11-131             |
| 1630 4330 | Resistor - 33 $\Omega$ $\pm$ 5% 1/8W         | 7-134              |
| 1630 4394 | Resistor - 390k $\Omega$ - $\pm$ 5% - 1/16W  | 7-135              |

| Part No.  | Description                                  | Page and Index No. |
|-----------|----------------------------------------------|--------------------|
| 1630 4394 | Resistor - 390k $\Omega$ - $\pm$ 5% - 1/16W  | 11-132             |
| 1630 4472 | Resistor - 4.7K $\Omega$ $\pm$ 5% 1/16W      | 11-133             |
| 1630 4472 | Resistor - 4.7K $\Omega$ $\pm$ 5% 1/16W      | 7-136              |
| 1633 3309 | Resistor - 33 0hm $\pm$                      | 11-134             |
| 1633 3309 | Resistor - 33 0hm $\pm$                      | 7-137              |
| 1633 8201 | Resistor - 8.2k $\Omega$ $\pm$ 1% 1/10W      | 7-138              |
| 1633 8201 | Resistor - 8.2k $\Omega$ $\pm$ 1% 1/10W      | 11-135             |
| 1634 0000 | Resistor - 0 $\Omega$ 1/16W                  | 7-139              |
| 1634 0000 | Resistor - 0 $\Omega$ 1/16W                  | 11-136             |
| 1634 1002 | Resistor - 10 $\Omega$ $\pm$ 5% 1/16W        | 7-140              |
| 1634 1002 | Resistor - 10 $\Omega$ $\pm$ 5% 1/16W        | 11-137             |
| 1634 1003 | Resistor - 100K $\Omega$ $\pm$ 1% 1/16W      | 11-138             |
| 1634 1003 | Resistor - 100K $\Omega$ $\pm$ 1% 1/16W      | 7-141              |
| 1634 1203 | Resistor - 120K $\Omega$ $\pm$ 1% 1/16W      | 11-139             |
| 1634 1203 | Resistor - 120K $\Omega$ $\pm$ 1% 1/16W      | 7-142              |
| 1634 1801 | Resistor - 1.80k $\Omega$ - $\pm$ 1% - 1/16W | 11-140             |
| 1634 1801 | Resistor - 1.80k $\Omega$ - $\pm$ 1% - 1/16W | 7-143              |
| 1634 4702 | Resistor - 47.0k $\Omega$ - $\pm$ 1% - 1/16W | 11-141             |
| 1634 4702 | Resistor - 47.0k $\Omega$ - $\pm$ 1% - 1/16W | 7-144              |
| 1634 4872 | Resistor - 48k $\Omega$ - $\pm$ 1%           | 11-142             |
| 1634 4872 | Resistor - 48k $\Omega$ - $\pm$ 1%           | 7-145              |
| 1634 9762 | Resistor - 97.6k $\Omega$ - $\pm$ 1%         | 11-143             |
| 1634 9762 | Resistor - 97.6k $\Omega$ - $\pm$ 1%         | 7-146              |
| 1644 1100 | Capacitor - 10 $\mu$ F $\pm$ 20% 16V         | 11-144             |
| 1644 1100 | Capacitor - 10 $\mu$ F $\pm$ 20% 16V         | 7-147              |
| 1644 1470 | Capacitor - 47 $\mu$ F $\pm$ 20% 16V         | 11-145             |
| 1644 1470 | Capacitor - 47 $\mu$ F $\pm$ 20% 16V         | 7-148              |
| 1644 2100 | Capacitor - 10 $\mu$ F $\pm$ 20% 25V         | 11-146             |
| 1644 2100 | Capacitor - 10 $\mu$ F $\pm$ 20% 25V         | 7-149              |
| 1660 2151 | Capacitor - 150pF $\pm$ 20% 35V              | 11-147             |
| 1660 2151 | Capacitor - 150pF $\pm$ 20% 35V              | 7-150              |
| 1660 2470 | Capacitor - 47PF                             | 11-148             |
| 1660 2470 | Capacitor - 47PF                             | 7-151              |

| Part No.  | Description                         | Page and Index No. |
|-----------|-------------------------------------|--------------------|
| 1660 3220 | Capacitor - 122pF $\pm 5\%$ 50V     | 7-152              |
| 1660 3220 | Capacitor - 122pF $\pm 5\%$ 50V     | 11-149             |
| 1660 8104 | Capacitor - 0.1 $\mu$ F +80-20% 25V | 7-153              |
| 1660 8104 | Capacitor - 0.1 $\mu$ F +80-20% 25V | 11-150             |
| 1903 1015 | DRAM - 16M 1MX16 60NS EDO G8        | 7-154              |
| 1903 1015 | DRAM - 16M 1MX16 60NS EDO G8        | 11-151             |

| Part No. | Description | Page and Index No |
|----------|-------------|-------------------|
|          |             |                   |