

**Color Controller RC-200 (G528)**

## PARTS CATALOG

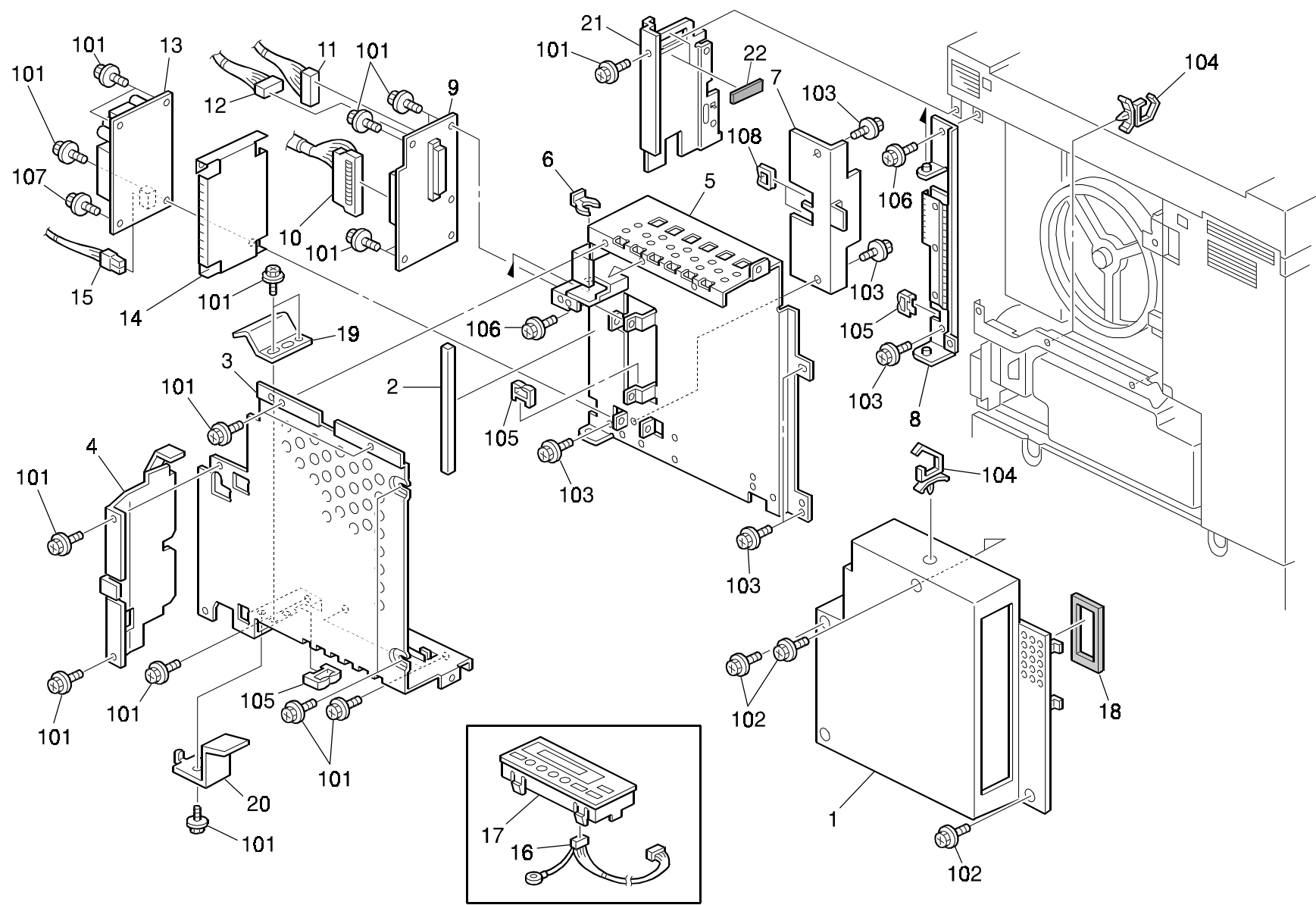
### INTRODUCTION

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

### INDEX to PARTS CATALOG

|                                    |           |
|------------------------------------|-----------|
| 1.CONTROLLER RC-200 1 (G528) ..... | 2         |
| 2.CONTROLLER RC-200 2 (G528) ..... | 4         |
| 3.CONTROLLER BOARD (G528) .....    | 6         |
| <b>PARTS INDEX</b> .....           | <b>11</b> |

1.CONTROLLER RC-200 1 (G528)

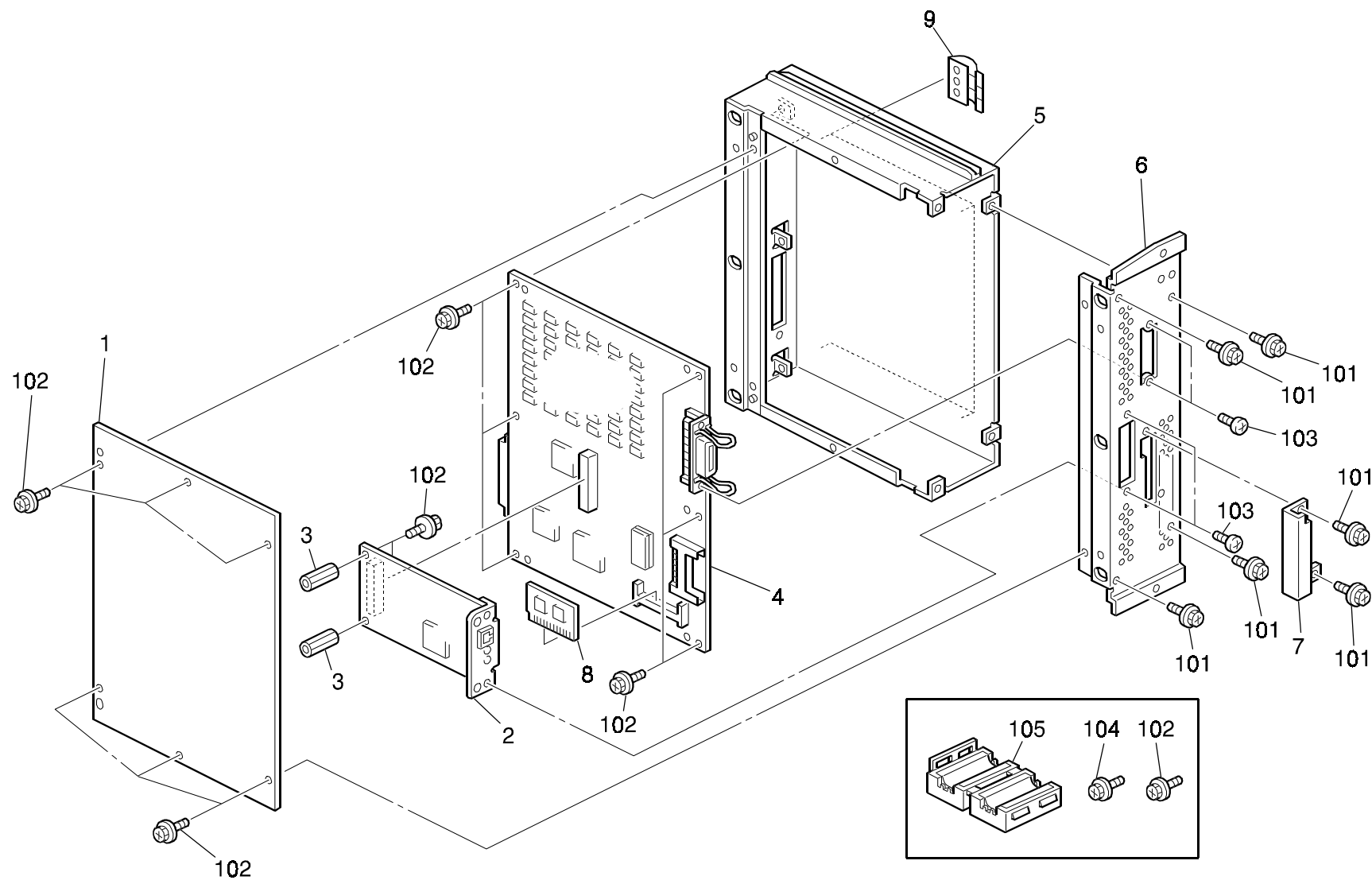


## 1.CONTROLLER RC-200 1 (G528)

| Index No. | Part No.  | Description                   | Q'ty Per Assembly |
|-----------|-----------|-------------------------------|-------------------|
| 1         | A848 1251 | Controller Cover              | 1                 |
| 2         | A848 5877 | Seal - UC300286-165 - 6x6x165 | 1                 |
| 3         | A848 5834 | Rear Upper Frame              | 1                 |
| 4         | A848 5871 | PSU Front Cover               | 1                 |
| 5         | A848 5808 | Upper Front Frame             | 1                 |
| 6         | G011 1058 | Snap Ring                     | 1                 |
| 7         | A848 5866 | Shielding Plate               | 1                 |
| 8         | A848 1046 | Interface Unit Bracket        | 1                 |
| 9         | A848 5112 | PCB BUSSW                     | 1                 |
| 10        | A848 5217 | VIDEO-MB I/F Harness          | 1                 |
| 11        | A848 5220 | Interface Harness - Main MB   | 1                 |
| 12        | A848 5212 | DC Power Supply Harness       | 1                 |
| 13        | A848 5300 | Power Supply Unit - 120V 54W  | 1                 |
| 13        | A848 5310 | Power Supply Unit - 230V 54W  | 1                 |
| 14        | A848 5848 | Power Supply Unit Cover       | 1                 |
| 15        | A848 5221 | AC Harness                    | 1                 |
| 16        | A848 5219 | Display Harness               | 1                 |
| 17        | G528 6661 | Control Panel - NA            | 1                 |
| 17        | G528 6665 | Control Panel - EU            | 1                 |
| 18        | A848 1256 | Seal - 28x60                  | 1                 |
| 19        | A848 5878 | Guide Plate                   | 1                 |
| 20        | A848 5879 | Grounding Plate               | 1                 |
| 21        | A848 5860 | Harness Shield Plate          | 1                 |
| 22        | A848 5864 | Gasket- UC300285 - 40         | 2                 |

| Index No. | Part No.   | Description              | Q'ty Per Assembly |
|-----------|------------|--------------------------|-------------------|
| 101       | 0451 3006B | Tapping Screw - M3X6     |                   |
| 102       | 0451 4006H | Tapping Screw - M4X6     |                   |
| 103       | 0451 4006B | Tapping Screw - 4X6      |                   |
| 104       | 1105 0291  | Harness Clamp - LWS-3S   |                   |
| 105       | 1105 0329  | Clamp - ES-0510          |                   |
| 106       | 0954 4008Z | Double Sens Screw - M4X8 |                   |
| 107       | 0954 3006Z | Screw - M3X6             |                   |
| 108       | 1105 0352  | Clamp                    |                   |

2.CONTROLLER RC-200 2 (G528)



## 2.CONTROLLER RC-200 2 (G528)

| Index No. | Part No.  | Description                   | Q'ty Per Assembly |
|-----------|-----------|-------------------------------|-------------------|
| 1         | G528 1016 | Cover - Base Frame            | 1                 |
| 2         | G678 5714 | PCB - Network Interface Board | 1                 |
| 3         | G528 1050 | Spacer                        | 2                 |
| 4         | G528 5731 | Controller Board              | 1                 |
| 5         | G528 1011 | Base Frame                    | 1                 |
| 6         | G528 1007 | Right Cover - Base Frame      | 1                 |
| 7         | G528 1021 | Cover - IC Card               | 1                 |
| 8         | G528 5732 | Dimm - Rps 2                  | 1                 |
| 9         | A133 7887 | Spring Plate - HDD            | 4                 |

| Index No. | Part No.   | Description                  | Q'ty Per Assembly |
|-----------|------------|------------------------------|-------------------|
| 101       | 0451 3006H | Tapping Screw - 3x6          |                   |
| 102       | 0451 3006B | Tapping Screw - M3x6         |                   |
| 103       | 0353 0060Z | Screw - M3X6                 |                   |
| 104       | 0451 4008B | Philips Tapping Screw - M4x8 |                   |
| 105       | 1607 0508  | Ferrite Core                 |                   |

### 3.CONTROLLER BOARD (G528)

#### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C 1        | 145       | C 11       | 152       | C 21       | 148       | C 31       | 148       | C 41       | 148       | C 51       | 152       | C 61       | 152       |
| C 2        | 146       | C 12       | 147       | C 22       | 148       | C 32       | 148       | C 42       | 148       | C 52       | 146       | C 62       | 147       |
| C 3        | 125       | C 13       | 146       | C 23       | 148       | C 33       | 148       | C 43       | 148       | C 53       | 123       | C 63       | 123       |
| C 4        | 153       | C 14       | 148       | C 24       | 148       | C 34       | 148       | C 44       | 148       | C 54       | 123       | C 64       | 153       |
| C 5        | 153       | C 15       | 148       | C 25       | 148       | C 35       | 148       | C 45       | 148       | C 55       | 122       | C 65       | 153       |
| C 6        | 144       | C 16       | 148       | C 26       | 148       | C 36       | 148       | ---        | --        | C 56       | 152       | C 66       | 148       |
| C 7        | 153       | C 17       | 148       | C 27       | 148       | C 37       | 148       | ---        | --        | C 57       | 147       | C 67       | 122       |
| C 8        | 153       | C 18       | 124       | C 28       | 148       | C 38       | 148       | C 48       | 145       | C 58       | 144       | C 68       | 123       |
| C 9        | 123       | C 19       | 148       | C 29       | 148       | C 39       | 148       | C 49       | 123       | C 59       | 122       | C 69       | 150       |
| C 10       | 122       | C 20       | 148       | C 30       | 148       | C 40       | 148       | C 50       | 147       | C 60       | 151       | C 70       | 123       |

#### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C 71       | 152       | C 81       | 152       | C 91       | 147       | C 101      | 152       | C 111      | 153       | C 121      | 122       | C 131      | 122       |
| C 72       | 147       | C 82       | 148       | C 92       | 152       | C 102      | 147       | C 112      | 148       | C 122      | 152       | C 132      | 147       |
| C 73       | 150       | C 83       | 122       | C 93       | 122       | C 103      | 147       | C 113      | 144       | C 123      | 147       | C 133      | 152       |
| C 74       | 122       | C 84       | 123       | C 94       | 147       | C 104      | 123       | C 114      | 147       | C 124      | 145       | C 134      | 122       |
| C 75       | 148       | C 85       | 152       | C 95       | 152       | C 105      | 122       | C 115      | 152       | C 125      | 123       | C 135      | 123       |
| C 76       | 122       | C 86       | 147       | C 96       | 122       | C 106      | 152       | C 116      | 122       | C 126      | 153       | C 136      | 147       |
| C 77       | 123       | C 87       | 122       | C 97       | 123       | C 107      | 152       | C 117      | 148       | C 127      | 153       | C 137      | 152       |
| C 78       | 148       | C 88       | 153       | C 98       | 123       | C 108      | 153       | C 118      | 148       | C 128      | 153       | C 138      | 124       |
| C 79       | 147       | C 89       | 153       | C 99       | 123       | C 109      | 146       | C 119      | 123       | C 129      | 153       | C 139      | 145       |
| C 80       | 148       | C 90       | 153       | C 100      | 122       | C 110      | 124       | C 120      | 123       | C 130      | 153       | C 140      | 123       |

### 3.CONTROLLER BOARD (G528)

#### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C 141      | 144       | C 151      | 146       | C 161      | 149       | C 171      | 153       | C 181      | 149       | C 201      | 149       | C 191      | 149       |
| C 142      | 124       | C 152      | 153       | C 162      | 153       | C 172      | 149       | C 182      | 126       | C 202      | 145       | C 192      | 149       |
| C 143      | 152       | C 153      | 153       | C 163      | 153       | C 173      | 149       | C 183      | 149       | C 203      | 153       | C 193      | 145       |
| C 144      | 124       | C 154      | 153       | C 164      | 149       | C 174      | 153       | C 184      | 149       | C 204      | 153       | C 194      | 153       |
| C 145      | 123       | C 155      | 149       | C 165      | 149       | C 175      | 153       | C 185      | 153       | C 205      | 149       | C 195      | 153       |
| C 146      | 144       | C 156      | 149       | C 166      | 153       | C 176      | 149       | C 186      | 153       | C 206      | 149       | C 196      | 149       |
| C 147      | 147       | C 157      | 145       | C 167      | 153       | C 177      | 149       | C 187      | 149       | C 207      | 153       | C 197      | 149       |
| ---        | --        | C 158      | 153       | C 168      | 149       | C 178      | 145       | C 188      | 149       | C 208      | 153       | C 198      | 153       |
| C 149      | 122       | C 159      | 153       | C 169      | 149       | C 179      | 153       | C 189      | 153       | C 209      | 126       | C 199      | 153       |
| C 150      | 123       | C 160      | 149       | C 170      | 153       | C 180      | 153       | C 190      | 153       | C 210      | 126       | C 200      | 149       |

#### CAPACITOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C 211      | 126       | C 221      | 149       | C 231      | 153       | C 241      | 149       | C 251      | 153       |
| C 212      | 149       | C 222      | 153       | C 232      | 149       | C 242      | 153       | C 252      | 149       |
| C 213      | 149       | C 223      | 153       | C 233      | 149       | C 243      | 153       | C 253      | 149       |
| C 214      | 153       | C 224      | 149       | C 234      | 153       | C 244      | 149       | C 254      | 153       |
| C 215      | 153       | C 225      | 149       | C 235      | 153       | C 245      | 149       | C 255      | 153       |
| C 216      | 149       | C 226      | 153       | C 236      | 149       | C 246      | 153       | C 256      | 149       |
| C 217      | 149       | C 227      | 153       | C 237      | 149       | C 247      | 153       | C 257      | 149       |
| C 218      | 153       | C 228      | 149       | C 238      | 153       | C 248      | 149       | C 258      | 153       |
| C 219      | 153       | C 229      | 149       | C 239      | 153       | C 249      | 149       | C 259      | 153       |
| C 220      | 149       | C 230      | 153       | C 240      | 149       | C 250      | 153       | C 260      | 145       |

#### CONNECTOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|
| C 261      | 145       | CN 1       | 105       |
|            |           | CN 2       | 101       |
|            |           | CN 4       | 102       |
|            |           | CN 7       | 103       |
|            |           | CN 8       | 104       |

### 3.CONTROLLER BOARD (G528)

#### DIODE

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| D 1        | 108       |

#### FILTER

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| FIL 1      | 127       |
| FIL 2      | 127       |
| FIL 14     | 127       |

#### IC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ---        | --        |
| IC 2       | 119       |
| IC 3       | 3         |
| IC 4       | 116       |
| IC 5       | 116       |
| IC 6       | 6         |
| IC 7       | 109       |
| IC 8       | 110       |
| IC 9       | 112       |
| IC 10      | 5         |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC 11      | 118       |
| (Socket)   | 106       |
| IC 12      | 112       |
| IC 13      | 112       |
| IC 14      | 117       |
| IC 15      | 114       |
| IC 16      | 113       |
| IC 17      | 4         |
| IC 18      | 2         |
| IC 19      | 1         |
| IC 20      | 111       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC 21      | 111       |
| IC 22      | 111       |
| IC 23      | 154       |
| IC 24      | 154       |
| IC 25      | 154       |
| IC 26      | 154       |
| IC 27      | 154       |
| IC 28      | 154       |
| IC 29      | 154       |
| IC 30      | 154       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC 31      | 154       |
| IC 32      | 154       |
| IC 33      | 154       |
| IC 34      | 154       |
| IC 35      | 111       |
| IC 36      | 154       |
| IC 37      | 154       |
| IC 38      | 154       |
| IC 39      | 154       |
| IC 40      | 154       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC 41      | 154       |
| IC 42      | 154       |
| IC 43      | 154       |
| IC 44      | 154       |
| IC 45      | 154       |
| IC 46      | 154       |
| IC 47      | 154       |
| IC 48      | 115       |
| IC 49      | 154       |
| IC 50      | 154       |

#### CAPACITOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC 51      | 154       |
| IC 52      | 154       |
| IC 53      | 154       |
| IC 54      | 154       |
| IC 55      | 154       |
| IC 56      | 154       |
| IC 57      | 154       |
| IC 58      | 154       |
| IC 59      | 154       |
| IC 60      | 154       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC 61      | 154       |
| IC 62      | 154       |
| IC 63      | 154       |
| IC 64      | 154       |
| IC 65      | 154       |
| IC 66      | 154       |
| IC 67      | 154       |
| IC 68      | 154       |
| IC 69      | 154       |
| IC 70      | 154       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC 71      | 154       |
| IC 72      | 154       |

#### JP

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ---        | --        |
| JP 2       | 143       |
| JP 3       | 142       |
| JP 4       | 143       |
| JP 5       | 143       |
| ---        | --        |
| JP 7       | 143       |
| JP 8       | 143       |
| JP 9       | 143       |
| JP 10      | 143       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| JP 11      | 143       |
| JP 12      | 143       |
| JP 13      | 143       |
| JP 14      | 143       |
| JP 15      | 143       |
| JP 16      | 143       |
| JP 17      | 143       |
| JP 18      | 142       |
| JP 19      | 142       |
| JP 20      | 142       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| JP 21      | 142       |
| JP 22      | 142       |
| JP 23      | 142       |
| JP 24      | 142       |

#### OSC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| OSC 1      | 121       |

#### REG

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| REG 1      | 120       |

### 3.CONTROLLER BOARD (G528)

#### RESISTOR

| 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R 1        | 129       | R 11       | 137       | R 21       | 129       | R 31       | 129       | R 41       | 129       | R 51       | 139       | R 61       | 137       |
| ---        | --        | R 12       | 137       | R 22       | 129       | R 32       | 129       | R 42       | 129       | R 52       | 139       | R 62       | 137       |
| R 3        | 132       | R 13       | 137       | R 23       | 129       | R 33       | 129       | R 43       | 129       | R 53       | 137       | R 63       | 137       |
| R 4        | 130       | R 14       | 137       | R 24       | 129       | R 34       | 129       | R 44       | 129       | R 54       | 137       | R 64       | 137       |
| ---        | --        | R 15       | 137       | R 25       | 129       | R 35       | 129       | R 45       | 129       | R 55       | 137       | R 65       | 137       |
| R 6        | 135       | R 16       | 129       | R 26       | 129       | R 36       | 129       | R 46       | 129       | R 56       | 137       | R 66       | 137       |
| R 7        | 137       | R 17       | 129       | R 27       | 129       | R 37       | 129       | R 47       | 141       | R 57       | 137       | R 67       | 137       |
| R 8        | 137       | R 18       | 129       | R 28       | 129       | R 38       | 129       | ---        | --        | R 58       | 137       | R 68       | 137       |
| R 9        | 137       | R 19       | 129       | R 29       | 129       | R 39       | 129       | ---        | --        | R 59       | 137       | R 69       | 137       |
| R 10       | 137       | R 20       | 129       | R 30       | 129       | R 40       | 129       | R 50       | 140       | R 60       | 137       | R 70       | 137       |

#### RESISTOR

| 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R 71       | 137       | R 81       | 137       | R 91       | 137       | R 101      | 140       | R 111      | 137       | R 121      | 137       | R 131      | 143       |
| R 72       | 137       | R 82       | 137       | R 92       | 137       | R 102      | 140       | R 112      | 137       | R 122      | 137       | R 132      | 137       |
| R 73       | 137       | R 83       | 137       | R 93       | 129       | R 103      | 140       | R 113      | 137       | R 123      | 137       | R 133      | 137       |
| R 74       | 137       | R 84       | 137       | R 94       | 129       | R 104      | 140       | R 114      | 137       | R 124      | 137       | R 134      | 137       |
| R 75       | 129       | R 85       | 137       | R 95       | 129       | R 105      | 140       | R 115      | 129       | R 125      | 137       | R 135      | 137       |
| R 76       | 137       | R 86       | 137       | ---        | --        | R 106      | 140       | R 116      | 129       | R 126      | 137       | R 136      | 137       |
| R 77       | 137       | R 87       | 137       | R 97       | 137       | R 107      | 137       | ---        | --        | R 127      | 133       | R 137      | 128       |
| R 78       | 137       | R 88       | 137       | R 98       | 140       | R 108      | 137       | ---        | --        | ---        | --        | R 138      | 136       |
| R 79       | 137       | R 89       | 137       | R 99       | 135       | R 109      | 137       | R 119      | 137       | ---        | --        | R 139      | 136       |
| R 80       | 137       | R 90       | 137       | R 100      | 135       | R 110      | 137       | R 120      | 137       | R 130      | 137       | R 140      | 134       |

### 3.CONTROLLER BOARD (G528)

#### RESISTOR

| 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R 141      | 134       | R 151      | 137       | R 161      | 137       | R 171      | 135       | R 181      | 140       | R 191      | 140       | R 201      | 134       |
| R 142      | 138       | R 152      | 137       | R 162      | 137       | R 172      | 140       | R 182      | 129       | R 192      | 129       | R 202      | 138       |
| R 143      | 137       | R 153      | 137       | R 163      | 137       | R 173      | 140       | R 183      | 140       | R 193      | 140       | R 203      | 137       |
| R 144      | 137       | R 154      | 137       | R 164      | 137       | R 174      | 140       | R 184      | 129       | R 194      | 140       | R 204      | 137       |
| R 145      | 137       | R 155      | 137       | R 165      | 137       | R 175      | 140       | R 185      | 140       | R 195      | 140       | R 205      | 137       |
| R 146      | 137       | R 156      | 137       | R 166      | 137       | R 176      | 140       | R 186      | 129       | R 196      | 140       | R 206      | 137       |
| R 147      | 137       | R 157      | 137       | R 167      | 137       | R 177      | 140       | R 187      | 140       | R 197      | 140       | R 207      | 140       |
| R 148      | 137       | R 158      | 137       | R 168      | 137       | R 178      | 129       | R 188      | 129       | R 198      | 140       | R 208      | 140       |
| R 149      | 137       | R 159      | 137       | R 169      | 137       | R 179      | 140       | R 189      | 140       | R 199      | 137       | R 209      | 140       |
| R 150      | 137       | R 160      | 137       | R 170      | 135       | R 180      | 129       | R 190      | 129       | R 200      | 136       | R 210      | 140       |

| 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R 211      | 140       | R 221      | 140       | R 231      | 135       | R 241      | 135       | R 251      | 129       | R 261      |           | R 271      | 137       |
| R 212      | 140       | R 222      | 140       | R 232      | 135       | R 242      | 131       | R 252      | 129       | R 262      |           | R 272      | 137       |
| R 213      | 140       | R 223      | 140       | R 233      | 135       | R 243      | 129       | R 253      | 129       | R 263      |           | R 273      | 137       |
| R 214      | 140       | R 224      | 131       | R 234      | 135       | R 244      | 129       | R 254      | 140       | R 264      |           | R 274      | 137       |
| R 215      | 140       | R 225      | 131       | R 235      | 135       | R 245      | 129       | R 255      | 137       | R 265      |           | R 275      | 137       |
| R 216      | 140       | R 226      | 129       | R 236      | 135       | R 246      | 129       | R 256      | 137       | R 266      |           | R 276      | 137       |
| R 217      | 140       | R 227      | 135       | R 237      | 135       | R 247      | 129       | R 257      | 137       | R 267      |           | R 277      | 137       |
| R 218      | 140       | R 228      | 135       | R 238      | 135       | R 248      | 129       | R 258      | 137       | R 268      |           | R 278      | 137       |
| R 219      | 140       | R 229      | 140       | R 239      | 135       | R 249      | 129       | R 259      | 137       | R 269      |           | R 279      | 129       |
| R 220      | 140       | R 230      | 135       | R 240      | 135       | R 250      | 129       | R 260      | 137       | R 270      |           | R 280      | 137       |

## RESISTOR

| 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R 281      | 137       | R 291      | 137       | R 301      | 137       | R 311      | 129       | R 321      | 137       | R 331      | 129       | R 341      | 135       |
| R 282      | 137       | R 292      | 137       | R 302      | 137       | R 312      | 129       | R 322      | 137       | R 332      | 129       | R 342      | 129       |
| R 283      | 137       | R 293      | 137       | R 303      | 137       | R 313      | 129       | R 323      | 137       | R 333      | 129       | R 343      | 129       |
| R 284      | 137       | R 294      | 137       | R 304      | 137       | R 314      | 129       | R 324      | 137       | R 334      | 129       | R 344      | 129       |
| R 285      | 137       | R 295      | 137       | R 305      | 137       | R 315      | 129       | R 325      | 137       | R 335      | 129       | R 345      | 129       |
| R 286      | 137       | R 296      | 137       | R 306      | 137       | R 316      | 137       | ---        | --        | R 336      | 129       | R 346      | 129       |
| R 287      | 137       | R 297      | 137       | R 307      | 137       | R 317      | 137       | R 327      | 135       | R 337      | 129       | R 347      | 129       |
| R 288      | 137       | R 298      | 137       | R 308      | 137       | R 318      | 137       | R 328      | 129       | R 338      | 129       | R 348      | 129       |
| R 289      | 137       | R 299      | 137       | R 309      | 129       | R 319      | 137       | R 329      | 129       | R 339      | 135       | R 349      | 129       |
| R 290      | 137       | R 300      | 137       | R 310      | 129       | R 320      | 137       | R 330      | 129       | R 340      | 135       | R 350      | 129       |

## RESISTOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|
| R 351      | 129       | R 361      | 129       |
| R 352      | 129       | R 362      | 129       |
| ---        | --        | R 363      | 129       |
| ---        | --        | R 364      | 129       |
| R 355      | 129       | R 365      | 129       |
| R 356      | 129       | R 366      | 129       |
| R 357      | 129       | R 367      | 129       |
| R 358      | 129       | R 368      | 129       |
| R 359      | 129       | R 369      | 129       |
| R 360      | 129       | R 370      | 129       |

## SW

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|
| R 371      | 129       | SW 2       | 107       |

### 3.CONTROLLER BOARD (G528)

| Index No. | Part No.  | Description            | Q'ty Per Assembly |
|-----------|-----------|------------------------|-------------------|
| *         | G528 5731 | Controller Board       | 1                 |
| 1         | G021 5934 | IC - LHMN5KN0          | 1                 |
| 2         | G021 5935 | IC - LHMN5KN1          | 1                 |
| 3         | G024 5410 | IC - UPD65843GN-44-LMU | 1                 |
| 4         | G024 5411 | IC - RF5C389           | 1                 |
| 5         | G024 5412 | IC - FCI2.5C           | 1                 |
| 6         | G024 5415 | IC - UPD30210-177      | 1                 |

| Index No. | Part No.  | Description                    | Q'ty Per Assembly |
|-----------|-----------|--------------------------------|-------------------|
| 101       | 1102 7358 | Connector - 80P                |                   |
| 102       | 1102 7553 | Connector Sx1ba-72s-0.635sh    |                   |
| 103       | 1102 7785 | Connector-57re40360830bd29b    |                   |
| 104       | 1102 8011 | Connector - FCN-565P068-G/F-V4 |                   |
| 105       | 1102 8045 | Connector 53318-0960           |                   |
| 106       | 1104 0377 | IC Socket - 28P - DICF-28CS-E  |                   |
| 107       | 1204 2368 | Dip Switch - DSS804            |                   |
| 108       | 1402 1343 | Diode - RB106L-40              |                   |
| 109       | 1407 1747 | TTLIC - SN74LS273NS            |                   |
| 110       | 1407 3292 | IC - TC74HCT244AF              |                   |
| 111       | 1407 3729 | IC - TC74ACT245F               |                   |
| 112       | 1407 4322 | IC - TD74ABT374F               |                   |
| 113       | 1407 4323 | TTL - TD74ABT244F              |                   |
| 114       | 1407 4324 | TTL TD74ABT240F                |                   |
| 115       | 1407 4742 | TTL - 74F1071MSA               |                   |
| 116       | 1407 4963 | IC - MBM29F800TA-70pFTN        |                   |
| 117       | 1407 5016 | IC - CMOS-74IVX161284MEA       |                   |
| 118       | 1407 5098 | IC - AT28C64E-15PC             |                   |
| 119       | 1408 0611 | IC - 3771                      |                   |
| 120       | 1408 1350 | Regulator - Pq3rf23            |                   |
| 121       | 1503 0834 | Oscillator - 44MHZ             |                   |
| 122       | 1605 0677 | Capacitor - 0.082μF±10% 50V    |                   |
| 123       | 1605 0738 | Capacitor - 0.01 μF25V         |                   |
| 124       | 1605 0801 | Capacitor - 0.01μF±20%         |                   |
| 125       | 1605 0942 | Capacitor - 0.22μF+80 -20% 5   |                   |
| 126       | 1606 1189 | Capacitor - 200pF ±5% 50V      |                   |
| 127       | 1607 0978 | Inductor - BLM21P300SPB        |                   |
| 128       | 1630 4101 | Resistor - 100 Ω ±5% 1/16W     |                   |
| 129       | 1630 4103 | Resistor - 10KΩ ±5% 1/16W      |                   |
| 130       | 1630 4104 | Resistor - 100 Ω ±5% 1/16W     |                   |
| 131       | 1630 4122 | Resistor - 1.2K Ω 5% 1/16W     |                   |
| 132       | 1630 4124 | Resistor - 120K Ω ±5%1/16W     |                   |
| 133       | 1630 4151 | Resistor - 150 Ω ±5% 1/16w     |                   |
| 134       | 1630 4222 | Resistor - 2.2K Ω ±5%          |                   |

| Index No. | Part No.  | Description                              | Q'ty Per Assembly |
|-----------|-----------|------------------------------------------|-------------------|
| 135       | 1630 4330 | Resistor - 33 $\Omega$ $\pm 5\%$ 1/8W    |                   |
| 136       | 1630 4332 | Resistor - 3.3K $\Omega$ $\pm 5\%$ 1/16  |                   |
| 137       | 1630 4470 | Resistor - 470 $\Omega$ $\pm 5\%$ 1/16W  |                   |
| 138       | 1630 4472 | Resistor - 4.7K $\Omega$ $\pm 5\%$ 1/16W |                   |
| 139       | 1630 4519 | Resistor - 5.1 $\Omega$ $\pm 5\%$ 1/16W  |                   |
| 140       | 1630 4680 | Resistor - 68 $\Omega$ $\pm 5\%$ 1/16W   |                   |
| 141       | 1630 4752 | Resistor - 7.5K $\Omega$ $\pm 5\%$ 1/16W |                   |
| 142       | 1633 0000 | Resistor - 0 $\Omega$ 1/10W              |                   |
| 143       | 1634 0000 | Resistor - 0 $\Omega$ 1/16W              |                   |
| 144       | 1642 2101 | Capacitor - 100 $\Omega$ $\pm 20\%$ 25V  |                   |
| 145       | 1642 2470 | Capacitor - 47 $\mu$ F $\pm 20\%$ 25V    |                   |
| 146       | 1643 1470 | Capasitor - 47 $\mu$ F $\pm 20\%$ 16v    |                   |
| 147       | 1660 2471 | Capacitor - 470pF - $\pm 5\%$ - 50       |                   |
| 148       | 1660 3220 | Capacitor - 122pF $\pm 5\%$ 50V          |                   |
| 149       | 1660 3221 | Capacitor - 220pF $\pm 5\%$ 50V          |                   |
| 150       | 1660 3680 | Capacitor - 68pF $\pm 5\%$ 50V           |                   |
| 151       | 1660 5102 | Capacitor - 1000pF $\pm 10\%$ 50V        |                   |
| 152       | 1660 5152 | Capacitor - 1500pF $\pm 10\%$ 50V        |                   |
| 153       | 1660 9104 | C - 0.1 $\mu$ F25V                       |                   |
| 154       | 1903 1009 | IC - DRAM 16M 4MX4 60NS EDO G            |                   |

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

# **PARTS INDEX**

| Part No.  | Description              | Page and Index No. |
|-----------|--------------------------|--------------------|
| G528 1007 | Right Cover - Base Frame | 5- 6               |
| G528 1011 | Base Frame               | 5- 5               |
| G528 1016 | Cover - Base Frame       | 5- 1               |
| G528 1021 | Cover - IC Card          | 5- 7               |
| G528 1050 | Spacer                   | 5- 3               |
| G528 5731 | Controller Board         | 5- 4               |
| G528 5731 | Controller Board         | 9- *               |
| G528 5732 | Dimm - Rps 2             | 5- 8               |
| G528 6661 | Control Panel - NA       | 3- 17              |
| G528 6665 | Control Panel - EU       | 3- 17              |

| Part No.  | Description                   | Page and Index No |
|-----------|-------------------------------|-------------------|
| G011 1058 | Snap Ring                     | 3- 6              |
| G021 5934 | IC - LHMN5KN0                 | 9- 1              |
| G021 5935 | IC - LHMN5KN1                 | 9- 2              |
| G024 5410 | IC - UPD65843GN-44-LMU        | 9- 3              |
| G024 5411 | IC - RF5C389                  | 9- 4              |
| G024 5412 | IC - FCI2.5C                  | 9- 5              |
| G024 5415 | IC - UPD30210-177             | 9- 6              |
| G678 5714 | PCB - Network Interface Board | 5- 2              |

| Part No.  | Description                   | Page and Index No. |
|-----------|-------------------------------|--------------------|
| A133 7887 | Spring Plate - HDD            | 5- 9               |
| A848 1046 | Interface Unit Bracket        | 3- 8               |
| A848 1251 | Controller Cover              | 3- 1               |
| A848 1256 | Seal - 28x60                  | 3- 18              |
| A848 5112 | PCB BUSSW                     | 3- 9               |
| A848 5212 | DC Power Supply Harness       | 3- 12              |
| A848 5217 | VIDEO-MB I/F Harness          | 3- 10              |
| A848 5219 | Display Harness               | 3- 16              |
| A848 5220 | Interface Harness - Main MB   | 3- 11              |
| A848 5221 | AC Harness                    | 3- 15              |
| A848 5300 | Power Supply Unit - 120V 54W  | 3- 13              |
| A848 5310 | Power Supply Unit - 230V 54W  | 3- 13              |
| A848 5808 | Upper Front Frame             | 3- 5               |
| A848 5834 | Rear Upper Frame              | 3- 3               |
| A848 5848 | Power Supply Unit Cover       | 3- 14              |
| A848 5860 | Harness Shield Plate          | 3- 21              |
| A848 5864 | Gasket- UC300285 - 40         | 3- 22              |
| A848 5866 | Shielding Plate               | 3- 7               |
| A848 5871 | PSU Front Cover               | 3- 4               |
| A848 5877 | Seal - UC300286-165 - 6x6x165 | 3- 2               |
| A848 5878 | Guide Plate                   | 3- 19              |
| A848 5879 | Grounding Plate               | 3- 20              |

| Part No.   | Description                    | Page and Index No. |
|------------|--------------------------------|--------------------|
| 0353 0060Z | Screw - M3X6                   | 5-103              |
| 0451 3006B | Tapping Screw - M3x6           | 5-102              |
| 0451 3006B | Tapping Screw - M3X6           | 3-101              |
| 0451 3006H | Tapping Screw - 3x6            | 5-101              |
| 0451 4006B | Tapping Screw - 4X6            | 3-103              |
| 0451 4006H | Tapping Screw - M4X6           | 3-102              |
| 0451 4008B | Philips Tapping Screw - M4x8   | 5-104              |
| 0954 3006Z | Screw - M3X6                   | 3-107              |
| 0954 4008Z | Double Sens Screw - M4X8       | 3-106              |
| 1102 7358  | Connector - 80P                | 9-101              |
| 1102 7553  | Connector Sx1ba-72s-0.635sh    | 9-102              |
| 1102 7785  | Connector-57re40360830bd29b    | 9-103              |
| 1102 8011  | Connector - FCN-565P068-G/F-V4 | 9-104              |
| 1102 8045  | Connector 53318-0960           | 9-105              |
| 1104 0377  | IC Socket - 28P - DICF-28CS-E  | 9-106              |
| 1105 0291  | Harness Clamp - LWS-3S         | 3-104              |
| 1105 0329  | Clamp - ES-0510                | 3-105              |
| 1105 0352  | Clamp                          | 3-108              |
| 1204 2368  | Dip Switch - DSS804            | 9-107              |
| 1402 1343  | Diode - RB106L-40              | 9-108              |
| 1407 1747  | TTLIC - SN74LS273NS            | 9-109              |
| 1407 3292  | IC - TC74HCT244AF              | 9-110              |
| 1407 3729  | IC - TC74ACT245F               | 9-111              |
| 1407 4322  | IC - TD74ABT374F               | 9-112              |
| 1407 4323  | TTL - TD74ABT244F              | 9-113              |
| 1407 4324  | TTL TD74ABT240F                | 9-114              |
| 1407 4742  | TTL - 74F1071MSA               | 9-115              |
| 1407 4963  | IC - MBM29F800TA-70PFTN        | 9-116              |
| 1407 5016  | IC - CMOS-74IVX161284MEA       | 9-117              |
| 1407 5098  | IC - AT28C64E-15PC             | 9-118              |
| 1408 0611  | IC - 3771                      | 9-119              |
| 1408 1350  | Regulator - Pq3rf23            | 9-120              |
| 1503 0834  | Oscillator - 44MHZ             | 9-121              |
| 1605 0677  | Capacitor - 0.082μF ±10% 50V   | 9-122              |
| 1605 0738  | Capacitor - 0.01 μF 25V        | 9-123              |

