

Printer Interface Unit Type 510  
IEEE802.11b Interface Kit Type B  
USB2.0 Interface Board Type A  
(B516/B515/B525)

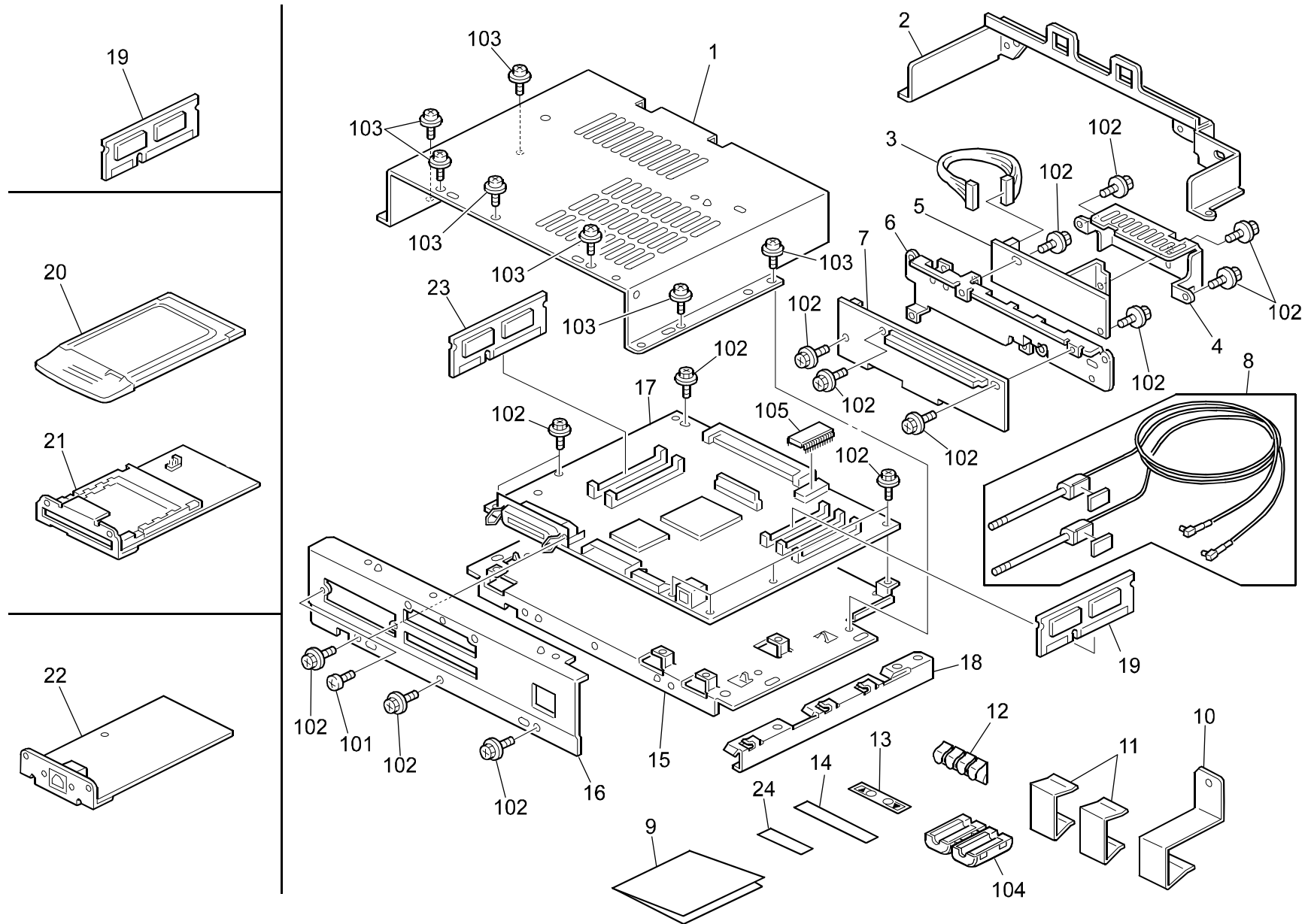
**Printer Interface Unit Type 510  
IEEE802.11b Interface Kit Type B  
USB2.0 Interface Board Type A  
(B516/B515/B525)**

**PARTS CATALOG**

This catalog gives the numbers and names of parts on this machine.

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## 1.PRINTER/USB/IEEE802.11b (B516/B525/B515)



## 1.PRINTER/USB/IEEE802.11b (B516/B525/B515)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | B516 1103 | Controller Cover                   | 1                 |
| 2         | B516 1104 | PIF Bracket                        | 1                 |
| 3         | B516 6000 | PIF-PIFP Harness                   | 1                 |
| 4         | B516 1152 | DC/DC Converter Bracket            | 1                 |
| 5         | B516 5000 | PIFP Board                         | 1                 |
| 6         | B516 1151 | PIF Bracket                        | 1                 |
| 7         | B516 5700 | PIF Board                          | 1                 |
| 8         | G628 5400 | Option Aantenna GW-WLAN (2pcs/set) | 1                 |
| 9         | B516 8607 | Operation Manual                   | 1                 |
| 10        | B516 1160 | Upper Grounding Plate              | 1                 |
| 11        | B516 1161 | Rear Grounding Plate               | 2                 |
| 12        | B516 1162 | Spring Plate                       | 2                 |
| 13        | B516 8801 | Arrow Label                        | 1                 |
| 14        | B516 8802 | User Function Decal(English)       | 1                 |
| 14        | B516 8803 | User Function Decal(French)        | 1                 |
| 14        | B516 8804 | User Function Decal(Spanish)       | 1                 |
| 15        | B516 1150 | Controller Base                    | 1                 |
| 16        | B516 1102 | Controller Bracket                 | 1                 |
| 17        | B516 5750 | Controller Board                   | 1                 |
| 18        | B516 1101 | Rear Bracket                       | 1                 |
| 19        | B516 5781 | DIMM Board                         | 1                 |
| 20        | G628 5453 | Wireless Card - US                 | 1                 |
| 21        | G628 5700 | Wireless Lan Board                 | 1                 |
| 22        | B525 5660 | USB Board                          | 1                 |
| 23        | G070 5710 | SDRAM-DIMM 32Mb PC133              | 1                 |
| 24        | B516 1180 | LAN Decal                          | 1                 |

| Index No. | Part No.   | Description                           | Q'ty Per Assembly |
|-----------|------------|---------------------------------------|-------------------|
| 101       | 0353 0060Z | Screw - M3X6                          |                   |
| 102       | 0451 3006B | Tapping Screw - M3x6                  |                   |
| 103       | 0951 3006B | Philips Screw With Flat Washer - M3x6 |                   |
| 104       | 1607 1429  | Ferrite Core SFT-72SN                 |                   |
| 105       | 1407 5497  | RAM - FM1808-120-P                    |                   |

## 2.PRINTER INTERFACE UNIT (B516)

### CAPACITOR

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| C141       | 205       | C151       | 205       | C161       | 201       | C171       | 201       | C181       | 201       | ---        | ---       | ---        | ---       |
| C142       | 201       | C152       | 201       | C162       | 201       | C172       | 201       | C182       | 201       | C192       | 205       | C202       | 195       |
| ---        | ---       | C153       | 205       | C163       | 201       | C173       | 201       | C183       | 201       | C193       | 201       | C203       | 195       |
| C144       | 205       | C154       | 161       | C164       | 201       | C174       | 201       | C184       | 201       | C194       | 205       | C204       | 195       |
| C145       | 205       | C155       | 203       | C165       | 201       | C175       | 201       | C185       | 201       | C195       | 196       | C205       | 195       |
| C146       | 205       | C156       | 201       | C166       | 201       | C176       | 201       | ---        | ---       | C196       | 201       | ---        | ---       |
| C147       | 201       | C157       | 196       | C167       | 205       | C177       | 201       | ---        | ---       | C197       | 203       | ---        | ---       |
| C148       | 205       | C158       | 201       | C168       | 201       | C178       | 201       | ---        | ---       | C198       | 161       | ---        | ---       |
| C149       | 205       | C159       | 201       | C169       | 162       | C179       | 201       | ---        | ---       | ---        | ---       | ---        | ---       |
| C150       | 198       | C160       | 201       | C170       | 201       | C180       | 201       | ---        | ---       | ---        | ---       | C210       | 199       |

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| C211       | 199       | ---        | ---       | C231       | 205       | C241       | 161       | C251       | 199       | C261       | 196       | ---        | ---       |
| C212       | 199       | ---        | ---       | C232       | 205       | ---        | ---       | ---        | ---       | C262       | 201       | ---        | ---       |
| C213       | 205       | ---        | ---       | C233       | 196       | ---        | ---       | C253       | 205       | C263       | 196       | ---        | ---       |
| C214       | 205       | C224       | 205       | C234       | 161       | ---        | ---       | C254       | 201       | C264       | 203       | C284       | 205       |
| C215       | 199       | C225       | 201       | C235       | 196       | ---        | ---       | C255       | 201       | C265       | 201       | C285       | 205       |
| C216       | 203       | C226       | 205       | C236       | 201       | ---        | ---       | C256       | 205       | C266       | 203       | C286       | 201       |
| C217       | 203       | C227       | 201       | C237       | 203       | ---        | ---       | C257       | 201       | C267       | 161       | C287       | 201       |
| C218       | 205       | C228       | 205       | C238       | 203       | ---        | ---       | C258       | 203       | C268       | 161       | C288       | 205       |
| C219       | 204       | C229       | 201       | C239       | 201       | C249       | 203       | C259       | 161       | ---        | ---       | C289       | 205       |
| ---        | ---       | C230       | 201       | C240       | 196       | C250       | 205       | C260       | 201       | ---        | ---       | ---        | ---       |

## 2.PRINTER INTERFACE UNIT (B516)

### CAPACITOR

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| ---        | ---       | C301       | 205       | ---        | ---       | C411       | 161       | C421       | 205       | ---        | ---       | C511       | 205       |
| ---        | ---       | C302       | 205       | C402       | 205       | C412       | 161       | C422       | 205       | ---        | ---       | C512       | 205       |
| ---        | ---       | ---        | ---       | C403       | 205       | C413       | 161       | C423       | 205       | C433       | 205       | C513       | 205       |
| ---        | ---       | ---        | ---       | C404       | 205       | C414       | 161       | C424       | 205       | ---        | ---       | C514       | 205       |
| ---        | ---       | ---        | ---       | C405       | 203       | C415       | 161       | C425       | 205       | ---        | ---       | C515       | 205       |
| C296       | 205       | C306       | 205       | C406       | 203       | C416       | 161       | C426       | 205       | ---        | ---       | C516       | 205       |
| C297       | 201       | C307       | 201       | C407       | 203       | ---        | ---       | C427       | 205       | ---        | ---       | C517       | 205       |
| C298       | 205       | ---        | ---       | C408       | 203       | ---        | ---       | C428       | 205       | ---        | ---       | C518       | 205       |
| C299       | 201       | ---        | ---       | C409       | 161       | ---        | ---       | C429       | 205       | C509       | 205       | C519       | 205       |
| C300       | 205       | C400       | 205       | C410       | 161       | C420       | 205       | ---        | ---       | C510       | 205       | C520       | 205       |

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| C521       | 205       | ---        | ---       | ---        | ---       | ---        | ---       | C651       | 205       | C671       | 161       | C701       | 201       |
| C522       | 205       | ---        | ---       | C602       | 160       | ---        | ---       | ---        | ---       | C672       | 161       | ---        | ---       |
| C523       | 205       | ---        | ---       | C603       | 205       | ---        | ---       | ---        | ---       | C673       | 161       | ---        | ---       |
| C524       | 205       | C534       | 201       | C604       | 205       | ---        | ---       | ---        | ---       | C674       | 161       | ---        | ---       |
| C525       | 205       | C535       | 205       | C605       | 205       | ---        | ---       | ---        | ---       | C675       | 161       | ---        | ---       |
| C526       | 205       | ---        | ---       | C606       | 205       | ---        | ---       | ---        | ---       | C676       | 161       | ---        | ---       |
| ---        | ---       | ---        | ---       | C607       | 205       | ---        | ---       | ---        | ---       | C677       | 161       | C807       | 205       |
| ---        | ---       | ---        | ---       | C608       | 205       | C638       | 203       | ---        | ---       | ---        | ---       | ---        | ---       |
| ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       |
| ---        | ---       | ---        | ---       | ---        | ---       | C650       | 201       | C670       | 161       | C700       | 201       | ---        | ---       |

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| ---        | ---       | C301       | 205       | ---        | ---       | C411       | 161       | C421       | 205       | ---        | ---       | C511       | 205       |
| ---        | ---       | C302       | 205       | C402       | 205       | C412       | 161       | C422       | 205       | ---        | ---       | C512       | 205       |
| ---        | ---       | ---        | ---       | C403       | 205       | C413       | 161       | C423       | 205       | C433       | 205       | C513       | 205       |
| ---        | ---       | ---        | ---       | C404       | 205       | C414       | 161       | C424       | 205       | ---        | ---       | C514       | 205       |
| ---        | ---       | ---        | ---       | C405       | 203       | C415       | 161       | C425       | 205       | ---        | ---       | C515       | 205       |
| C296       | 205       | C306       | 205       | C406       | 203       | C416       | 161       | C426       | 205       | ---        | ---       | C516       | 205       |
| C297       | 201       | C307       | 201       | C407       | 203       | ---        | ---       | C427       | 205       | ---        | ---       | C517       | 205       |
| C298       | 205       | ---        | ---       | C408       | 203       | ---        | ---       | C428       | 205       | ---        | ---       | C518       | 205       |
| C299       | 201       | ---        | ---       | C409       | 161       | ---        | ---       | C429       | 205       | C509       | 205       | C519       | 205       |
| C300       | 205       | C400       | 205       | C410       | 161       | C420       | 205       | ---        | ---       | C510       | 205       | C520       | 205       |

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| C521       | 205       | ---        | ---       | ---        | ---       | ---        | ---       | C651       | 205       | C671       | 161       | C701       | 201       |
| C522       | 205       | ---        | ---       | C602       | 160       | ---        | ---       | ---        | ---       | C672       | 161       | ---        | ---       |
| C523       | 205       | ---        | ---       | C603       | 205       | ---        | ---       | ---        | ---       | C673       | 161       | ---        | ---       |
| C524       | 205       | C534       | 201       | C604       | 205       | ---        | ---       | ---        | ---       | C674       | 161       | ---        | ---       |
| C525       | 205       | C535       | 205       | C605       | 205       | ---        | ---       | ---        | ---       | C675       | 161       | ---        | ---       |
| C526       | 205       | ---        | ---       | C606       | 205       | ---        | ---       | ---        | ---       | C676       | 161       | ---        | ---       |
| ---        | ---       | ---        | ---       | C607       | 205       | ---        | ---       | ---        | ---       | C677       | 161       | C807       | 205       |
| ---        | ---       | ---        | ---       | C608       | 205       | C638       | 203       | ---        | ---       | ---        | ---       | ---        | ---       |
| ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       |
| ---        | ---       | ---        | ---       | ---        | ---       | C650       | 201       | C670       | 161       | C700       | 201       | ---        | ---       |

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### JP

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### LED

### Q

### OSC

## 2.PRINTER INTERFACE UNIT (B516)

### RESISTOR

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### RESISTOR

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| R75        | 183       | R85        | 183       | ---        | ---       | ---        | ---       | R115       | 183       | R125       | 185       | R135       | 188       |
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| R77        | 188       | R87        | 183       | R97        | 179       | ---        | ---       | R117       | 192       | R127       | 185       | R137       | 185       |
| R78        | 183       | R88        | 183       | R98        | 182       | ---        | ---       | R118       | 175       | R128       | 185       | R138       | 185       |
| R79        | 183       | R89        | 182       | R99        | 179       | ---        | ---       | R119       | 175       | R129       | 185       | R139       | 185       |
| R80        | 182       | R90        | 182       | R100       | 175       | R110       | 186       | ---        | ---       | R130       | 185       | R140       | 185       |

## 2.PRINTER INTERFACE UNIT (B516)

### RESISTOR

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| R143       | 188       | R153       | 175       | R163       | 165       | R173       | 175       | R183       | 188       | R193       | 189       | R203       | 182       |
| R144       | 178       | R154       | 175       | R164       | 186       | R174       | 185       | R184       | 185       | R194       | 189       | R204       | 182       |
| ---        | ---       | R155       | 175       | R165       | 193       | ---        | ---       | R185       | 185       | R195       | 189       | R205       | 182       |
| ---        | ---       | R156       | 175       | ---        | ---       | ---        | ---       | R186       | 182       | R196       | 185       | R206       | 182       |
| ---        | ---       | R157       | 175       | ---        | ---       | R177       | 183       | ---        | ---       | ---        | ---       | R207       | 185       |
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| ---        | ---       | R159       | 175       | R169       | 183       | R179       | 183       | R189       | 182       | R199       | 188       | R209       | 182       |
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### RESISTOR

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| R212       | 188       | R222       | 182       | R232       | 182       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       |
| R213       | 174       | R223       | 182       | ---        | ---       | R253       | 175       | R303       | 188       | ---        | ---       | ---        | ---       |
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| R216       | 183       | R226       | 185       | R236       | 175       | ---        | ---       | R306       | 183       | ---        | ---       | ---        | ---       |
| R217       | 183       | R227       | 185       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       |
| R218       | 183       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | R558       | 175       |
| R219       | 183       | R229       | 185       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | R559       | 175       |
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### RESISTOR

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| 1         | G056 5901 | MASK ROM - PCI                | 1                 |
| 2         | G070 5795 | IC - ASIC CELLO6              | 1                 |
| 101       | 1102 7615 | Connector - B8B-XH-A          |                   |
| 102       | 1102 7785 | Connector - 57RE40360830BD29B |                   |

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| 103       | 1102 8153 | Connector - FCN-568P068-G/05A-V4 |                   |
| 104       | 1102 8357 | Connector - 52777-0809           |                   |
| 105       | 1102 8373 | Connector - RJHS-5381            |                   |
| 106       | 1102 8656 | Connector - TX25-120P-LT-H1      |                   |
| 107       | 1102 8829 | Connector - DM-1D4-N3210         |                   |
| 108       | 1102 8830 | Connector - 71P                  |                   |
| 109       | 1102 8831 | Connector - 71P                  |                   |
| 110       | 1102 8832 | Connector - DM-3D4-B3210         |                   |
| 111       | 1104 0588 | DIP Socket - 28P                 |                   |
| 112       | 1204 1385 | Push Switch                      |                   |
| 113       | 1204 1422 | DIP Switch - 51D-0401            |                   |
| 114       | 1401 1136 | FET - HAT1020R                   |                   |
| 115       | 1402 1265 | Diode - RB411D                   |                   |
| 116       | 1402 1503 | Diode - 1SS400                   |                   |
| 117       | 1402 1664 | Diode - HSU83                    |                   |
| 118       | 1403 0996 | LED - SML-310VT                  |                   |
| 119       | 1407 2187 | TTLIC - SN74LS07NS               |                   |
| 120       | 1407 4346 | CMOS2 IC - TC7W08F               |                   |
| 121       | 1407 4874 | CMOSIC - 74VHC32 TSSOP           |                   |
| 122       | 1407 5275 | CMOS Logic - 74LVCHR16245A TSSOP |                   |
| 123       | 1407 5321 | CMOS Logic - 74LVCH16374A TSSOP  |                   |
| 124       | 1407 5322 | IC - CMOS LOGIC SN74LVC161284DGG |                   |
| 125       | 1407 5334 | IC - CMOS LOGIC 74LVC244A TSSOP  |                   |
| 126       | 1407 5363 | IC - SN74AHCT04PW                |                   |
| 127       | 1407 5364 | IC - SN74AHCT244PW               |                   |
| 128       | 1407 5366 | IC - 74LVC08A TSSOP              |                   |
| 129       | 1407 5485 | IC - SN74VC574APW                |                   |
| 130       | 1407 5523 | ROM - I2C SOP 3V                 |                   |
| 131       | 1407 5555 | IC - SN74AHCT126PW               |                   |
| 132       | 1407 5564 | IC - RM5261A-250Q REV1.1         |                   |
| 133       | 1407 5666 | CMOS IC - NC7WZ17P6              |                   |
| 134       | 1407 5674 | IC - LVDS- DP83846AVHG           |                   |
| 135       | 1407 5717 | IC - ICS960001AF                 |                   |
| 136       | 1408 1273 | IC - RN5VD28A                    |                   |
| 137       | 1408 1398 | Detector - RN5VD42A              |                   |

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| 138       | 1408 1454 | Series Regulator - LM1085IS-3.3               |                   |
| 139       | 1408 1565 | IC - RN5VD21A                                 |                   |
| 140       | 1408 1639 | IC - RN5VD14A                                 |                   |
| 141       | 1408 1640 | Series Regulator - PQ070XH02Z                 |                   |
| 142       | 1503 0842 | Oscillator - 14.31818MHZ                      |                   |
| 143       | 1503 0914 | Crystal Oscilator - 25MHZ                     |                   |
| 144       | 1503 1021 | Crystal Oscilator - SG-710ECK 25MHZ           |                   |
| 145       | 1601 7867 | Resistor - 33 $\Omega$ $\pm$ 5% 1/16W         |                   |
| 146       | 1601 7871 | Resistor - 68 $\Omega$ $\pm$ 5% 1/16W         |                   |
| 147       | 1601 7879 | Resistor - 22 $\Omega$ $\pm$ 5% 1/16W         |                   |
| 148       | 1601 7898 | Resistor Array                                |                   |
| 149       | 1601 7913 | Resistor 22 $\Omega$ $\pm$ 5% 1/32W           |                   |
| 150       | 1601 7914 | Resistor Array - 47 $\Omega$ $\pm$ 5%         |                   |
| 151       | 1601 7915 | Resistor Array - 33 $\Omega$ $\pm$ 5% 1/16W   |                   |
| 152       | 1601 7918 | Resistor - 22 $\Omega$ $\pm$ 5% 1/16W         |                   |
| 153       | 1601 7926 | Resistor - 68 $\Omega$ $\pm$ 5% 1/16W 8       |                   |
| 154       | 1601 7928 | Resistor Array - 4.7K $\Omega$ $\pm$ 5% 1/16W |                   |
| 155       | 1601 7943 | Resistor Array - 68 $\Omega$ $\pm$ 5% 1/32W   |                   |
| 156       | 1601 7954 | Resistor Array - 120 $\Omega$ $\pm$ 5% 1/16W  |                   |
| 157       | 1604 4335 | Capacitor - 220 $\mu$ F $\pm$ 20% 10V         |                   |
| 158       | 1604 4428 | Capacitor 100 $\mu$ F20% 16v                  |                   |
| 159       | 1605 0832 | Capacitor - 8PF $\pm$ 0.5pF 50V               |                   |
| 160       | 1605 1025 | Capacitor - 1000pF $\pm$ 10% 2KV              |                   |
| 161       | 1605 1124 | Capacitor - 4.7 $\mu$ F+80 -20% 10V           |                   |
| 162       | 1605 1181 | Capacitor - 10 $\mu$ F+80-20% 10V             |                   |
| 163       | 1607 0987 | Inductor - Tla-6t103                          |                   |
| 164       | 1607 1206 | Filter - Acc2012l-250                         |                   |
| 165       | 1610 1506 | Resistor - 1K $\Omega$ $\pm$ 0.5% 1/16W       |                   |
| 166       | 1610 1507 | Resistor 300 $\Omega$ $\pm$ 0.5% 1/16W        |                   |
| 167       | 1632 0000 | Resistor - 0 $\Omega$ 1/8W                    |                   |
| 168       | 1633 0000 | Resistor - 0 $\Omega$ 1/10W                   |                   |
| 169       | 1634 0000 | Resistor - 0 $\Omega$ 1/16W                   |                   |
| 170       | 1644 0100 | Capacitor - 10 $\mu$ F $\pm$ 20% 10V          |                   |
| 171       | 1644 2330 | Capacitor - 33 $\mu$ F $\pm$ 20% 25V          |                   |
| 172       | 1650 2750 | Resistor - 75 $\Omega$ $\pm$ 5% 1/4W          |                   |

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| 173       | 1650 3271 | Resistor - 270 $\Omega$ $\pm$ 5% 1/8W      |                   |
| 174       | 1650 4102 | Resistor - 1K $\Omega$ $\pm$ 5% 1/10W      |                   |
| 175       | 1650 4103 | Resistor - 10K $\Omega$ $\pm$ 5% 1/10W     |                   |
| 176       | 1650 4104 | Resistor - 100K $\Omega$ $\pm$ 5%1/10W     |                   |
| 177       | 1650 4109 | Resistor - 1 $\Omega$ $\pm$ 5% 1/10W       |                   |
| 178       | 1650 4122 | Resistor - 1.2K $\Omega$ $\pm$ 5% 1/10W    |                   |
| 179       | 1650 4150 | Resistor - 15 $\Omega$ $\pm$ 5% 1/10W      |                   |
| 180       | 1650 4152 | Resistor - 1.5K $\Omega$ $\pm$ 5% 1/10W    |                   |
| 181       | 1650 4202 | Resistor - 2K $\Omega$ $\pm$ 5%1/10W       |                   |
| 182       | 1650 4220 | Chip Resistor - 22 $\Omega$ $\pm$ 5% 1/10W |                   |
| 183       | 1650 4330 | Chip Resistor - 33 $\Omega$ $\pm$ 5% 1/10W |                   |
| 184       | 1650 4470 | Resistor - 47 $\Omega$ $\pm$ 5%1/10W       |                   |
| 185       | 1650 4472 | Resistor - 4.7K $\Omega$ $\pm$ 5% 1/10W    |                   |
| 186       | 1650 4512 | Resistor - 5.1K $\Omega$ $\pm$ 5%1/10W     |                   |
| 187       | 1650 4561 | Resistor - 560 $\Omega$ $\pm$ 5% 1/10W     |                   |
| 188       | 1650 4680 | Resistor - 68 $\Omega$ $\pm$ 5%1/10W       |                   |
| 189       | 1650 4820 | Resistor - 82 $\Omega$ $\pm$ 5% 1/10W      |                   |
| 190       | 1650 4910 | Resistor - 91 $\Omega$ $\pm$ 5%1/10W       |                   |
| 191       | 1652 4999 | Resistor - 49.9 $\Omega$ $\pm$ 1% 1/4W     |                   |
| 192       | 1652 5499 | Resistor - 54.9 $\Omega$ $\pm$ 1% 1/4W     |                   |
| 193       | 1654 9311 | Resistor - 9.31K $\Omega$ $\pm$ 1% 1/10W   |                   |
| 194       | 1660 0100 | Capacitor - 10PF $\pm$ 0.5pF 50V           |                   |
| 195       | 1660 2220 | Capacitor - 22pF $\pm$ 20% 35V             |                   |
| 196       | 1660 2221 | Capacitor - 220pF +80-20% 50V              |                   |
| 197       | 1660 2330 | Capacitor - 33pF - $\pm$ 5% - 50V          |                   |
| 198       | 1660 2331 | Capacitor - 330pF $\pm$ 5% 50V             |                   |
| 199       | 1660 2471 | Capacitor - 470pF - $\pm$ 5% - 50V         |                   |
| 200       | 1660 2680 | Capacitor - 68pF $\pm$ 5% 50V              |                   |
| 201       | 1660 4102 | Capacitor - 1000pF $\pm$ 10% 50V           |                   |
| 202       | 1660 4222 | Capacitor - 2200pF - $\pm$ 10% - 50V       |                   |
| 203       | 1660 6103 | Capacitor - 10000pF - +80%-20%50V          |                   |
| 204       | 1660 6473 | Capacitor - 47000pF +80,-20% 50V           |                   |
| 205       | 1660 8104 | Capacitor - 0.1 $\mu$ F+80-20% 25V         |                   |
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