

%DMS-S-1, MADGEPDM, Successful completion.  
 Madge Networks Ltd  
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 Slough, Berkshire  
 BoM Explosion with  
 18:44:37  
 1-408-941-4600  
 Designators for PART\151-336-02\#  
 [SHERPA]

Madge  
 part41.exe P.  
 Single level  
 19-JUL-2000  
 Reference

| Type Qty | Item UM           | Number M   | Rv Status Ref | Family Designator  | Order | Usage                                   | Status    | Description          |
|----------|-------------------|------------|---------------|--------------------|-------|-----------------------------------------|-----------|----------------------|
| ----     | ----              | ----       | ----          | -----              | ----  | ----                                    | -----     | -----                |
| ---      |                   |            |               |                    |       |                                         |           |                      |
|          | DOCU              | 151-336-02 |               | A SPECIFICATIO     |       |                                         | IN_REVIEW | ASSY FINAL PCI-5     |
|          | (STANDARD BRACKET |            |               | 0                  |       |                                         |           |                      |
|          | DOCU              | 185-168-01 |               | A FUNCTIONAL_T     |       |                                         | IN_REVIEW | PROCEDURE FUNC TEST  |
|          | PCI-5 (STANDAR    |            |               | 0                  |       |                                         |           |                      |
|          | SOFT              | 185-168-01 |               | A FUNCTIONAL_T     |       |                                         | IN_REVIEW | S/W FUNC TEST PCI-5  |
|          | (STANDARD BRAC    |            |               | 0                  |       |                                         |           |                      |
|          | PART              | 107-739-01 |               | A DEFAULT          | 1     | -                                       | RELEASED  | LABEL BLANK SERIAL   |
|          | NO/PART NO        |            |               | 1 EA ACTIVE        |       |                                         |           |                      |
|          | PART              | 140-034-01 |               | B PROG_PART        | 2     | PRIMAR                                  | RELEASED  | BLUEBIRD TR          |
|          | TRANSCIEVER ASIC  |            |               | 1 EA ACTIVE        | U1    |                                         |           |                      |
|          | PART              | 140-042-01 |               | B MADGE_SILICO     | 5     | PRIMAR                                  | RELEASED  | STANDARD CELL ASIC   |
|          | K3                |            |               | 1 EA PDMONLY U7    |       |                                         |           |                      |
|          | PART              | 151-149-02 |               | A METALWORK        | 10    | -                                       | ISSUED    | BRACKET STAMPED PCI- |
|          | 5 (STANDARD HE    |            |               | 1 EA CREATED       |       |                                         |           |                      |
|          | PART              | 151-338-02 |               | A PCB              | 20    | -                                       | ISSUED    | PCB BLANK PCI-5 (LOW |
|          | PROFILE)          |            |               | 1 EA ACTIVE        |       |                                         |           |                      |
|          | PART              | 20000416   |               | A IC_MEMORY        | 25    | PRIMAR                                  | RELEASED  | IC SERIAL EEPROM 1K  |
|          | (X8/X16) 2.7-5    |            |               | 1 EA PDMONLY U11   |       |                                         |           |                      |
|          | PART              | 20000442   |               | A IC_MEMORY        | 30    | PRIMAR                                  | RELEASED  | IC SRAM 32K X 8 15NS |
|          | 3.3V SOJ28        |            |               | 2 EA PDMONLY U6 U9 |       |                                         |           |                      |
|          | PART              | 20000462   |               | B IC_COMMS         | 35    | PRIMAR                                  | RELEASED  | IC AC101/AM79C874    |
|          | PHY 10/100 3.3V   |            |               | 1 EA CREATED U8    |       |                                         |           |                      |
|          | PART              | 20000555   |               | A IC_LINEAR        | 40    | PRIMAR                                  | RELEASED  | IC LM339 QUAD        |
|          | COMPARATOR SOIC14 |            |               | 1 EA CREATED U10   |       |                                         |           |                      |
|          | PART              | 21000320   |               | B TRANSISTOR       | 45    | PRIMAR                                  | RELEASED  | TR FM7717 PNP POWER  |
|          | SOT23             |            |               | 3 EA ACTIVE Q16    | Q17   | Q18                                     |           |                      |
|          | PART              | 21000332   |               | C DIODES           | 50    | PRIMAR                                  | RELEASED  | DIODE SCHOTTKY RECT  |
|          | 1A 30V SMB        |            |               | 1 EA CREATED CR3   |       |                                         |           |                      |
|          | PART              | 21000556   |               | B TRANSISTOR       | 55    | PRIMAR                                  | RELEASED  | TR BC847S DUAL NPN   |
|          | BIPOLAR SOT363    |            |               | 7 EA CREATED Q2    | Q3    | Q5 Q7 Q11 Q12 Q13                       |           |                      |
|          | PART              | 22000319   |               | D CAP_CER          | 60    | PRIMAR                                  | RELEASED  | CAP CER 10UF SM1210  |
|          | Y5V -20/+80% 1    |            |               | 5 EA ACTIVE C15    | C43   | C49 C62 C79                             |           |                      |
|          | PART              | 23000224   |               | A RESISTORS        | 65    | PRIMAR                                  | RELEASED  | RES 100K SM0603      |
|          | 0.0625W 5% 200PPM |            |               | 14 EA ACTIVE       | R51   | R52 R53 R56 R67 R68 R73 R75 R76 R78 R87 |           |                      |
|          | R109              |            |               |                    |       |                                         |           |                      |
|          | R77 R57           |            |               |                    |       |                                         |           |                      |
|          | PART              | 23000271   |               | A RESISTORS        | 70    | -                                       | RELEASED  | RES 220R SM0603      |
|          | 0.0625W 1% 100PPM |            |               | 5 EA CREATED       | R111  | R11 R84 R4 R5                           |           |                      |
|          | PART              | 23000642   |               | A RESISTORS        | 75    | PRIMAR                                  | RELEASED  | RES 12R SM0603       |
|          | 0.0625W 1% 100PPM |            |               | 2 EA CREATED       | R44   | R80                                     |           |                      |
|          | PART              | 23000662   |               | A RESISTORS        | 80    | PRIMAR                                  | RELEASED  | RES 59R SM0603       |
|          | 0.0625W 1% 100PPM |            |               | 12 EA CREATED      | R1    | R47 R48 R58 R70 R79 R90 R25 R26 R28 R29 |           |                      |
|          | R24               |            |               |                    |       |                                         |           |                      |
|          | PART              | 23000663   |               | A RESISTORS        | 85    | PRIMAR                                  | RELEASED  | RES 2R2 SM0603       |
|          | 0.0625W 5% 600PPM |            |               | 4 EA CREATED       | R45   | R49 R61 R71                             |           |                      |
|          | PART              | 25000475   |               | A INDUCTORS        | 90    | PRIMAR                                  | RELEASED  | INDUCTOR 10UH 20%    |
|          | SHIELDED SMD      |            |               | 1 EA ACTIVE L3     |       |                                         |           |                      |
|          | PART              | 25000541   |               | B INDUCTORS        | 95    | PRIMAR                                  | RELEASED  | INDUCTOR 47NH 5% HI- |
|          | FREQ SM0603       |            |               | 2 EA CREATED L6    | L7    |                                         |           |                      |
|          | PART              | 25000590   |               | B INDUCTORS        | 100   | PRIMAR                                  | RELEASED  | INDUCTOR 390NH 10%   |
|          | SM0603            |            |               | 4 EA CREATED L1    | L2    | L4 L5                                   |           |                      |

|                       |                  |     |                 |                      |
|-----------------------|------------------|-----|-----------------|----------------------|
| PART 26000391         | C MAGNETICS      | 105 | PRIMAR RELEASED | XFORM DUAL + CHOKE   |
| 4/16/100 SMD16        | 1 EA CREATED T1  |     |                 |                      |
| PART 28000400         | B OSCILLATORS    | 110 | PRIMAR RELEASED | OSC 32.00MHZ 100PPM  |
| 3.3V SMD TRI-S        | 1 EA PDMONLY X2  |     |                 |                      |
| PART 28000439         | B OSCILLATORS    | 115 | PRIMAR RELEASED | OSC 25.00MHZ 50PPM   |
| 3.3V SMD TRI-ST       | 1 EA PDMONLY X1  |     |                 |                      |
| PART 31000321         | B CONNECTORS     | 120 | PRIMAR RELEASED | CON HEADER 3W 2MM    |
| PITCH R/A (WAKE-      | 1 EA ACTIVE J3   |     |                 |                      |
| PART 31000598         | A CONNECTORS     | 125 | PRIMAR RELEASED | CON RJ45 SKT         |
| SHIELDED INTEG G/Y LE | 1 EA CREATED J1  |     |                 |                      |
| PART 400-041          | C FASTENER_OTH   | 130 | PRIMAR RELEASED | SCREWLOCK KIT FEMALE |
| 2 EA CREATED MX1 MX5  |                  |     |                 |                      |
| PART 400-100          | D CONNECTORS     | 135 | PRIMAR RELEASED | CON D 9WAY SKT R/A   |
| PCB BD/LOCKS          | 1 EA ACTIVE J2   |     |                 |                      |
| PART 425-132          | B CONN_COMP_S0   | 140 | PRIMAR RELEASED | SKT IC 32-PIN DUAL   |
| WIPE                  | 1 EA ACTIVE U3   |     |                 |                      |
| PART 527-008          | B RESISTORS      | 145 | PRIMAR RELEASED | RES 100R SM0603      |
| 0.0625W 1%            | 1 EA ACTIVE R104 |     |                 |                      |

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## Reference

| Type                                            | Item Number | Rv                                                        | Family                                      | Order           | Usage                         | Status | Description |
|-------------------------------------------------|-------------|-----------------------------------------------------------|---------------------------------------------|-----------------|-------------------------------|--------|-------------|
| Qty                                             | UM          | M                                                         | Status                                      | Ref             | Designator                    |        |             |
| -----                                           |             |                                                           |                                             |                 |                               |        |             |
| ---                                             |             |                                                           |                                             |                 |                               |        |             |
| PART 527-009                                    | B           | RESISTORS                                                 | 150                                         | PRIMAR RELEASED | RES 1K SM0603                 |        |             |
| 0.0625W 1%                                      |             | 3 EA ACTIVE                                               | R50 R97 R98                                 |                 |                               |        |             |
| PART 527-010                                    | B           | RESISTORS                                                 | 155                                         | PRIMAR RELEASED | RES 121R SM0603               |        |             |
| 0.0625W 1%                                      |             | 2 EA ACTIVE                                               | R36 R89                                     |                 |                               |        |             |
| PART 527-017                                    | B           | RESISTORS                                                 | 160                                         | PRIMAR RELEASED | RES 3K48 SM0603               |        |             |
| 0.0625W 1%<br>R100                              |             | 15 EA ACTIVE                                              | R14 R19 R20 R23 R30 R32 R88 R94 R96 R62 R92 |                 |                               |        |             |
|                                                 |             |                                                           |                                             |                 |                               |        |             |
| R101 R102 R103                                  |             |                                                           |                                             |                 |                               |        |             |
| PART 527-019                                    | B           | RESISTORS                                                 | 165                                         | PRIMAR RELEASED | RES 576R SM0603               |        |             |
| 0.0625W 1%                                      |             | 5 EA ACTIVE                                               | R18 R27 R35 R106 R107                       |                 |                               |        |             |
| PART 527-020                                    | C           | RESISTORS                                                 | 170                                         | PRIMAR RELEASED | RES 0R SM0603 1A              |        |             |
| 4 EA ACTIVE<br>R31 R33 R99 R114                 |             |                                                           |                                             |                 |                               |        |             |
| PART 527-025                                    | B           | RESISTORS                                                 | 175                                         | PRIMAR RELEASED | RES 165R SM0603               |        |             |
| 0.0625W 1% 100PPM<br>R39 R46                    |             | 14 EA ACTIVE                                              | R6 R9 R13 R17 R21 R22 R34 R37 R86 R8 R10    |                 |                               |        |             |
|                                                 |             |                                                           |                                             |                 |                               |        |             |
| R108                                            |             |                                                           |                                             |                 |                               |        |             |
| PART 527-026                                    | B           | RESISTORS                                                 | 180                                         | PRIMAR RELEASED | RES 681R SM0603               |        |             |
| 0.0625W 1% 100PPM                               |             | 2 EA ACTIVE                                               | R12 R63                                     |                 |                               |        |             |
| PART 527-027                                    | B           | RESISTORS                                                 | 185                                         | PRIMAR RELEASED | RES 18K7 SM0603               |        |             |
| 0.0625W 1% 100PPM                               |             | 6 EA ACTIVE                                               | R43 R54 R55 R64 R72 R74                     |                 |                               |        |             |
| PART 527-028                                    | B           | RESISTORS                                                 | 190                                         | PRIMAR RELEASED | RES 6K19 SM0603               |        |             |
| 0.0625W 1% 100PPM                               |             | 4 EA ACTIVE                                               | R42 R65 R93 R110                            |                 |                               |        |             |
| PART 527-036                                    | B           | RESISTORS                                                 | 195                                         | PRIMAR RELEASED | RES 10K SM0603                |        |             |
| 0.0625W 1% 100PPM                               |             | 4 EA ACTIVE                                               | R59 R81 R112 R113                           |                 |                               |        |             |
| PART 528-013                                    | A           | RESISTORS                                                 | 200                                         | PRIMAR RELEASED | RES 2K SM0603                 |        |             |
| 0.0625W 5% 200PPM                               |             | 4 EA ACTIVE                                               | R7 R66 R95 R38                              |                 |                               |        |             |
| PART 553-027                                    | A           | RESISTORS                                                 | 205                                         | PRIMAR RELEASED | RES 27R SM1206 0.25W          |        |             |
| 5% 200PPM                                       | 4           | EA ACTIVE R2 R3 R15 R16                                   |                                             |                 |                               |        |             |
| PART 675-003                                    | A           | CAP_TANT                                                  | 210                                         | PRIMAR RELEASED | CAP TANT 1U5 SMA 16V          |        |             |
| 10%                                             | 2           | EA ACTIVE C5 C16                                          |                                             |                 |                               |        |             |
| PART 675-004                                    | A           | CAP_TANT                                                  | 215                                         | PRIMAR RELEASED | CAP TANT 6U8 SMB 16V          |        |             |
| 20%                                             | 9           | EA ACTIVE C2 C3 C27 C51 C53 C54 C60 C94 C52               |                                             |                 |                               |        |             |
| PART 681-001                                    | B           | CAP_CER                                                   | 220                                         | PRIMAR RELEASED | CAP CER 47NF SM0805           |        |             |
| X7R 10% 50V                                     | 1           | EA ACTIVE C48                                             |                                             |                 |                               |        |             |
| PART 683-008                                    | B           | CAP_CER                                                   | 225                                         | PRIMAR RELEASED | CAP CER 120PF SM0603          |        |             |
| COG 5% 50V                                      | 4           | EA ACTIVE C26 C34 C35 C96                                 |                                             |                 |                               |        |             |
| PART 683-013                                    | C           | CAP_CER                                                   | 230                                         | -               | RELEASED CAP CER 100NF SM0603 |        |             |
| Y5V -20/+80%                                    | 55          | EA ACTIVE C1 C4 C6 C7 C12 C13 C19 C20 C21 C22 C23 C24 C32 |                                             |                 |                               |        |             |
|                                                 |             |                                                           |                                             |                 |                               |        |             |
| C33 C36 C46 C47 C50 C57 C58 C61 C63 C65 C67 C68 |             |                                                           |                                             |                 |                               |        |             |
|                                                 |             |                                                           |                                             |                 |                               |        |             |
| C69 C70 C71 C75 C76 C81 C84 C87 C88 C89 C90 C91 |             |                                                           |                                             |                 |                               |        |             |
|                                                 |             |                                                           |                                             |                 |                               |        |             |
| C92 C93 C9 C64 C78 C37 C82 C83 C66 C85 C86 C55  |             |                                                           |                                             |                 |                               |        |             |
|                                                 |             |                                                           |                                             |                 |                               |        |             |
| C56 C38 C45 C11 C73 C74                         |             |                                                           |                                             |                 |                               |        |             |
| PART 683-020                                    | B           | CAP_CER                                                   | 235                                         | PRIMAR RELEASED | CAP CER 4N7 SM0603            |        |             |
| X7R 10% 50V                                     | 1           | EA ACTIVE C59                                             |                                             |                 |                               |        |             |
| PART 683-022                                    | B           | CAP_CER                                                   | 240                                         | PRIMAR RELEASED | CAP CER 33PF SM0603           |        |             |
| COG 5% 50V                                      | 7           | EA ACTIVE C17 C28 C29 C41 C42 C44 C98                     |                                             |                 |                               |        |             |

|                      |   |            |                                     |                 |                      |
|----------------------|---|------------|-------------------------------------|-----------------|----------------------|
| PART 683-025         | B | CAP_CER    | 245                                 | PRIMAR RELEASED | CAP CER 100P SM0603  |
| COG 50V 5%           | 2 | EA ACTIVE  | C18 C95                             |                 |                      |
| PART 683-026         | B | CAP_CER    | 250                                 | PRIMAR RELEASED | CAP CER 330P SM0603  |
| COG 50V 5%           | 6 | EA ACTIVE  | C8 C14 C39 C40 C80 C10              |                 |                      |
| PART 780-207         | D | TRANSISTOR | 255                                 | PRIMAR RELEASED | TR BCW29 PNP BIPOLAR |
| SOT23                | 2 | EA CREATED | Q14 Q15                             |                 |                      |
| PART 780-221         | C | TRANSISTOR | 260                                 | PRIMAR RELEASED | TR MMBT2222A NPN     |
| BIPOLAR SOT23        | 2 | EA CREATED | Q4 Q6                               |                 |                      |
| PART 780-222         | D | TRANSISTOR | 265                                 | PRIMAR RELEASED | TR MMBT2369 NPN      |
| BIPOLAR SOT23        | 2 | EA CREATED | Q1 Q8                               |                 |                      |
| PART 783-089         | B | IC_LINEAR  | 270                                 | PRIMAR RELEASED | IC LT1372 SW         |
| REGULATOR 1.5A SOIC8 | 1 | EA ACTIVE  | U5                                  |                 |                      |
| PART 783-152         | D | IC_LINEAR  | 275                                 | PRIMAR RELEASED | IC LT1117 REGULATOR  |
| 3.3V 0.8A SOT2       | 1 | EA ACTIVE  | U4                                  |                 |                      |
| PART 786-001         | D | DIODES     | 280                                 | PRIMAR RELEASED | DIODE DUAL BAV99     |
| SOT23                | 2 | EA CREATED | CR1 CR2                             |                 |                      |
| PART 817-009         | B | FERRITES   | 285                                 | PRIMAR RELEASED | FERRITE BEAD BLM21A  |
| 120R SM0805          | 9 | EA ACTIVE  | FB1 FB3 FB4 FB7 FB8 FB9 FB2 FB5 FB6 |                 |                      |

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