

## Part List

| MODEL NAME |                               | MV141P        | VERSION                  | 3.03     | DATE            |     | 2006.07.07 |   |   |   |   |   |   |    |
|------------|-------------------------------|---------------|--------------------------|----------|-----------------|-----|------------|---|---|---|---|---|---|----|
| NO         | ITEM                          | VENDOR        | SPECIFICATION            | QUANTITY | LOCATION NUMBER |     |            |   |   |   |   |   |   |    |
|            |                               |               |                          |          | 1               | 2   | 3          | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1          | CAPACITOR,<br>CHIP<br>CERAMIC | YAGEO<br>/TDK | 22PF ±5% NPO 0603<br>50V | 2        | C16             | C17 |            |   |   |   |   |   |   |    |
| 2          | CAPACITOR,<br>CHIP<br>CERAMIC | YAGEO<br>/TDK | 68PF ±5% NPO 0603<br>50V | 2        | C48             | C49 |            |   |   |   |   |   |   |    |
| 3          | CAPACITOR,<br>CHIP<br>CERAMIC | YAGEO<br>/TDK | 101 ±5% NPO 0603<br>50V  | 2        | C46             | C47 |            |   |   |   |   |   |   |    |
| 4          | CAPACITOR,<br>CHIP<br>CERAMIC | YAGEO<br>/TDK | 221 ±10% X7R 0603<br>50V | 1        | C14             |     |            |   |   |   |   |   |   |    |
| 5          | CAPACITOR,<br>CHIP<br>CERAMIC | YAGEO<br>/TDK | 472 ±10% X7R 0603<br>50V | 2        | C12             | C13 |            |   |   |   |   |   |   |    |
| 6          | CAPACITOR,<br>CHIP<br>CERAMIC | YAGEO<br>/TDK | 103 ±10% X7R 0603<br>50V | 3        | C11             | C39 | C45        |   |   |   |   |   |   |    |







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| NO         | ITEM          | VENDOR  | SPECIFICATION                          | QUANTITY | LOCATION NUMBER |     |            |     |     |    |    |     |     |     |
|            |               |         |                                        |          | 1               | 2   | 3          | 4   | 5   | 6  | 7  | 8   | 9   | 10  |
|            | RESISTOR      |         |                                        |          |                 |     |            |     |     |    |    |     |     |     |
| 33         | CHIP RESISTOR | YAGEO   | 393 ±5% 1/10W 0603                     | 2        | R14             | R27 |            |     |     |    |    |     |     |     |
| 34         | CHIP RESISTOR | YAGEO   | 104 ±5% 1/10W 0603                     | 3        | R1              | R2  | R3         |     |     |    |    |     |     |     |
| 35         | CHIP RESISTOR | YAGEO   | 334 ±5% 1/10W 0603                     | 1        | R12             |     |            |     |     |    |    |     |     |     |
| 36         | CHIP RESISTOR | YAGEO   | 105 ±5% 1/10W 0603                     | 1        | R32             |     |            |     |     |    |    |     |     |     |
| 37         | CHIP BEAD     | YAGEO   | 80 Ohm 0603 2A                         | 10       | L3              | L4  | L5         | L6  | L7  | L8 | L9 | R64 | R65 | R71 |
| 38         | CHIP BEAD     | YAGEO   | 80 Ohm 1206 2A                         | 1        | L1              |     |            |     |     |    |    |     |     |     |
| 39         | Al. CAPACITOR | JACKCON | 10UF/16V ±20%<br>SMD 4*5<br>-40℃~105℃  | 3        | E1              | E2  | E3         |     |     |    |    |     |     |     |
| 40         | Al. CAPACITOR | JACKCON | 100UF/10V ±20%<br>SMD 6*5<br>-40℃~105℃ | 2        | E7              | E9  |            |     |     |    |    |     |     |     |
| 41         | Al. CAPACITOR | JACKCON | 100UF/25V ±20%<br>SMD 8*6              | 5        | E4              | E5  | E10        | E11 | E12 |    |    |     |     |     |

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| NO         | ITEM             | VENDOR              | SPECIFICATION                          | QUANTITY | LOCATION NUMBER |    |            |     |     |   |   |   |   |    |
|            |                  |                     |                                        |          | 1               | 2  | 3          | 4   | 5   | 6 | 7 | 8 | 9 | 10 |
|            |                  |                     | -40℃~105℃                              |          |                 |    |            |     |     |   |   |   |   |    |
| 42         | AL.<br>CAPACITOR | JACKCON             | 220UF/10V ±20%<br>SMD 8*6<br>-40℃~105℃ | 3        | E6              | E8 | E13        |     |     |   |   |   |   |    |
| 43         | INDUCTOR         |                     | 33uH 3A SMD                            | 1        | L2              |    |            |     |     |   |   |   |   |    |
| 44         | FUSE             |                     | 3A 1206 SMD                            | 1        | F1              |    |            |     |     |   |   |   |   |    |
| 45         | LED              |                     | GREEN LED 2P 3mm                       | 1        | D14             |    |            |     |     |   |   |   |   |    |
| 46         | DIODE            | PHILIPS<br>/KEC     | BAV99 SOT23                            | 5        | D1              | D2 | D10        | D11 | D12 |   |   |   |   |    |
| 47         | DIODE            |                     | BAW56 SOT23                            | 1        | D3              |    |            |     |     |   |   |   |   |    |
| 48         | DIODE            | RHOM                | 1SS355 SOD323                          | 1        | D4              |    |            |     |     |   |   |   |   |    |
| 49         | DIODE            | ON<br>SEMICONDUCTOR | SS34/SK34<br>40V 3A                    | 1        | D13             |    |            |     |     |   |   |   |   |    |
| 50         | Z-DIODE          | RHOM                | UDSZ5.1V/0.5W<br>SOD323                | 4        | D5              | D6 | D7         | D8  |     |   |   |   |   |    |
| 51         | TRANSISTOR       |                     | KST2222 SOT23                          | 1        | Q3              |    |            |     |     |   |   |   |   |    |
| 52         | TRANSISTOR       | PHILIPS             | MMBT3904 SOT23                         | 2        | Q5              | Q6 |            |     |     |   |   |   |   |    |



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|            |                |         |                                             |          | 1                         | 2          | 3   | 4   | 5   | 6 | 7 | 8 | 9 | 10 |  |
| 62         | EEPROM         | ATMEL   | AT24LC08A SO8                               | 1        | U4                        |            |     |     |     |   |   |   |   |    |  |
| 63         | CRYSTAL        | STAR    | 14.318MHz ±30PPM<br>SMD                     | 1        | X1                        |            |     |     |     |   |   |   |   |    |  |
| 64         | WAFER          | ONICORN | DF14-30P / 1.25 WEP                         | 1        | CN6                       |            |     |     |     |   |   |   |   |    |  |
| 65         | WAFER          | WEIDIDA | PH-12WA 2.0mm<br>RIGHT ANGLE                | 1        | CN1                       |            |     |     |     |   |   |   |   |    |  |
| 66         | WAFER          | WEIDIDA | PH-4WA 2.0mm<br>RIGHT ANGLE                 | 1        | CN3                       |            |     |     |     |   |   |   |   |    |  |
| 67         | WAFER          |         | MS2408P2<br>(2P-3.5mm)                      | 1        | CN5                       |            |     |     |     |   |   |   |   |    |  |
| 68         | TACK<br>SWITCH |         | 4PIN SMD 7mm                                | 5        | SW1                       | SW2        | SW3 | SW4 | SW5 |   |   |   |   |    |  |
| 69         | TRANSFORMER    |         | 120uH 25T/2200T                             | 1        | T1                        |            |     |     |     |   |   |   |   |    |  |
| 70         | PCB            |         | MV141P (FR-4<br>2LAYER 1.6T<br>110mm*130mm) | 1        | DATE :2006.05.11 REV:3.02 |            |     |     |     |   |   |   |   |    |  |