

|       |   |                  |       |                       |         |          |                             |           |             |
|-------|---|------------------|-------|-----------------------|---------|----------|-----------------------------|-----------|-------------|
| Model |   | MV22OHB SD BOARD |       |                       | Version |          | 1.0                         | DATE      | 2007.06.30  |
| NO    |   | ITEM             | DECAL | SPECIFICATION         | UNIT    | QUANTITY | REFERENCE                   | VENDOR    | REMARK      |
| 一     | 1 | CDS              | SMD   | GL5516 5-10K ø5mm     | PCS     | 1        | R6                          | SHENBA    |             |
|       |   | LED              | TH    | BLUE LED 2P 5mm       | PCS     | 1        | LD1                         | QUANTUM   |             |
|       | 2 | TACT SWITCH      | TH    | 6*6*4.3mm RIGHT ANGLE | PCS     | 6        | SW1,SW2,SW3,SW4,SW5,SW6     | 虹达/港源     | RIGHT ANGLE |
|       | 3 | WAFER            | TH    | PH12P 2.00mm STRAIGHT | PCS     | 1        | CN1                         | WEIDIDA   | STRAIGHT    |
| 二     | 1 | PCB              |       | MV220 OSD             | PCS     | 1        | 140mmX20mm FR-4 1LAYER 1.6T | 佳胜/比斯曼/技冠 |             |

| Model | MV220HB ADB |               |               | Revision            |          | 1.0      | DATE                                                                                                                                                                             | 2007-06-30      |
|-------|-------------|---------------|---------------|---------------------|----------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| NO    | ITEM        | DECAL         | SPECIFICATION | UNIT                | QUANTITY | REFERNCE | VENDOR                                                                                                                                                                           | REMARK          |
| SMD   |             |               |               |                     |          |          |                                                                                                                                                                                  |                 |
| 一     | 1           | CHIP RESISTOR | SMD0603       | 10R----±5% 1/10W    | PCS      | 8        | R69,R70,R71,R72,R73,R74,R75,R76                                                                                                                                                  | YAGEO/TKD/华新    |
|       | 2           | CHIP RESISTOR | SMD0603       | 33R----±5% 1/10W    | PCS      | 11       | R18,R24,R43,R55,R67,R82,R83,R84,R85,R90,R91                                                                                                                                      | YAGEO/TKD/华新    |
|       | 3           | CHIP RESISTOR | SMD0603       | 75R----±5% 1/10W    | PCS      | 6        | R31,R32,R33,R44,R59,R68                                                                                                                                                          | YAGEO/TKD/华新    |
|       | 4           | CHIP RESISTOR | SMD0603       | 390R----±5%1/10W    | PCS      | 1        | R27                                                                                                                                                                              | YAGEO/TKD/华新    |
|       | 5           | CHIP RESISTOR | SMD0603       | 430R----±5%1/10W    | PCS      | 1        | R37                                                                                                                                                                              | YAGEO/TKD/华新    |
|       | 6           | CHIP RESISTOR | SMD0603       | 470R----±5%1/10W    | PCS      | 3        | R6,R10,R17                                                                                                                                                                       | YAGEO/TKD/华新    |
|       | 7           | CHIP RESISTOR | SMD0603       | 510R----±5%1/10W    | PCS      | 1        | R58                                                                                                                                                                              | YAGEO/TKD/华新    |
|       | 8           | CHIP RESISTOR | SMD0603       | 100R ----±5%1/10W   | PCS      | 18       | R11,R21,R22,R25,R28,R29,R30,R38,R39,R40,R41,R42,R54,R56,R57,R65,R66,R79                                                                                                          | YAGEO/TKD/华新    |
|       | 9           | CHIP RESISTOR | SMD0603       | 1K----±5%1/10W      | PCS      | 4        | R9,R26,R60,R62                                                                                                                                                                   | YAGEO/TKD/华新    |
|       | 10          | CHIP RESISTOR | SMD0603       | 1.5K----±5%1/10W    | PCS      | 2        | R3,R8                                                                                                                                                                            | YAGEO/TKD/华新    |
|       | 11          | CHIP RESISTOR | SMD0603       | 3K----±5%1/10W      | PCS      | 2        | R2,R4                                                                                                                                                                            | YAGEO/TKD/华新    |
|       | 12          | CHIP RESISTOR | SMD0603       | 4.7K----±5%1/10W    | PCS      | 15       | R1,R13,R14,R15,R23,R34,R35,R36,R47,R48,R53,R61,R63,R64,R77                                                                                                                       | YAGEO/TKD/华新    |
|       | 13          | CHIP RESISTOR | SMD0603       | 10K----±5%1/10W     | PCS      | 8        | R12,R16,R45,R51,R52,R78,R80,R81                                                                                                                                                  | YAGEO/TKD/华新    |
|       | 14          | CHIP RESISTOR | SMD0603       | 22K----±5%1/10W     | PCS      | 1        | R7                                                                                                                                                                               | YAGEO/TKD/华新    |
|       | 15          | CHIP RESISTOR | SMD0603       | 300K----±5%1/10w    | PCS      | 1        | R5                                                                                                                                                                               | YAGEO/TKD/华新    |
| 二     | 1           | CHIP CERAMIC  | SMD0603       | 104 ±10% X7R 50V    | PCS      | 45       | C2,C7,C8,C10,C11,C12,C13,C14,C15,C16,C17,C18,C22,C23,C24,C31,C35,C39,C40,C41,C42,C45,C46,C47,C48,C49,C50,C51,C52,C53,C54,C55,C56,C58,C59,C60,C61,C62,C65,C68,C69,C72,C73,C75,C76 | YAGEO/TKD       |
|       | 2           | CHIP CERAMIC  | SMD0603       | 10pF ±5% NPO 50V    | PCS      | 3        | C36,C38,C43                                                                                                                                                                      | YAGEO/TKD       |
|       | 3           | CHIP CERAMIC  | SMD0603       | 22pF ±5% NPO 50V    | PCS      | 2        | C19,C20                                                                                                                                                                          | YAGEO/TKD       |
|       | 4           | CHIP CERAMIC  | SMD0603       | 68pF ±5% NPO 50V    | PCS      | 2        | C28,C29                                                                                                                                                                          | YAGEO/TKD       |
|       | 5           | CHIP CERAMIC  | SMD0603       | 101 ±5% NPO 50V     | PCS      | 2        | C70,C71                                                                                                                                                                          | YAGEO/TKD       |
|       | 6           | CHIP CERAMIC  | SMD0603       | 102 ±5% X7R 50V     | PCS      | 1        | C27                                                                                                                                                                              | YAGEO/TKD       |
|       | 7           | CHIP CERAMIC  | SMD0603       | 473 ±10% X7R 16V    | PCS      | 6        | C25,C26,C30,C32,C33,C34                                                                                                                                                          | YAGEO/TKD       |
|       | 8           | CHIP CERAMIC  | SMD0603       | 474+80%-20% Y5V 16V | PCS      | 2        | C3,C6                                                                                                                                                                            | YAGEO/TKD       |
|       | 9           | CHIP CERAMIC  | SMD0805       | 105±10% X7R 50V     | PCS      | 3        | L1,L2,L3                                                                                                                                                                         | YAGEO/TKD       |
|       | 1           | DIODE         | SOT-23        | BAV99               | PCS      | 14       | D6,D7,D8,D9,D11,D12,D13,D14,D15,D16,D17,D18.D19.D20                                                                                                                              | PHILIPS<br>KEC  |
|       | 2           | DIODE         | SOT-23        | 1SS184              | PCS      | 1        | D24                                                                                                                                                                              | PHILIPS<br>/KEC |

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| 三     | 3           | DIODE         | SMD           | SS34/SK34 40V3A                   | PCS      | 1        | D25                        | ON/SEMICONDUCTOR     |                     |
|       | 4           | Z-DIODE       | SOD323        | 5.6V/0.5W                         | PCS      | 8        | D1,D2,D3,D4,D5,D21,D22,D23 | RHOM/LRC             |                     |
|       | 5           | TRANSISTOR    | SOT-23        | KTA1504S                          | PCS      | 1        | Q1                         | PHILIPS/KEC          |                     |
|       | 6           | TRANSISTOR    | SOT-23        | KSC1623                           | PCS      | 3        | Q2,Q4,Q5                   | PHILIPS/KEC          |                     |
| 四     | 1           | CHIP BEAD     | SMD           | NBQ16808T-600Y-S 60               | PCS      | 2        | R19,R20                    | YAGEO/爱普             | 300MA               |
|       | 2           | CHIP BEAD     | SMD           | SBK16808T-600Y-S 60               | PCS      | 4        | L5, L8, L9, L10,           | YAGEO/爱普             | 300MA               |
|       | 3           | CHIP BEAD     | SMD           | PBY201209T-800Y-S 2012 80         | PCS      | 3        | L4,L7,R49                  | YAGEO/爱普             | 3A                  |
|       | 4           | COIL          | SMD           | 33UH 3A                           | PCS      | 1        | L6                         | 捷创嘉(JCJ)             |                     |
| 五     | 1           | FET           | SOP8          | FDS9435A                          | PCS      | 1        | Q3                         | CEM/CET/MT/FAIRCHILD |                     |
|       | 2           | AUDIO AMP     | DIP20         | ST7496L                           | PCS      | 1        | U1                         | ST MICRO             |                     |
|       | 3           | SCALER        | QFP128        | TSUMU58WHJ-LF                     | PCS      | 1        | U2                         | MSTAR                |                     |
|       | 4           | VIDEO SWITCH  | SOP16         | PI5V330 2-CHANNEL                 | PCS      | 1        | U3                         | PERICOH              |                     |
|       | 5           | REGULATOR     | SOT-252       | AP1117-1.8                        | PCS      | 1        | U9                         | ANACHIP/AE/LM        |                     |
|       | 6           | REGULATOR     | SOT263        | AP1084-3.3                        | PCS      | 1        | U7                         | ANACHIP              |                     |
|       | 7           | REGULATOR     | TO263-5L      | CAT7104CU5V/AP1501-5.0            | PCS      | 1        | U8                         | ANACHIP/CAT          |                     |
|       | 8           | EEPROM        | SOP8          | 24LC16                            | PCS      | 2        | U4,U10                     | ATMEL                |                     |
|       | 9           | FLASH MEMORY  | SOP8          | SST25VF512A-33/<br>MX25L512MC-12G | PCS      | 1        | U5                         | SST/MACRONIX         |                     |
|       | 10          | EEPROM        | SOP8          | 24LC02                            | PCS      | 1        | U6                         | ATMEL                |                     |
| 六     | 1           | CRYSTAL       | SMD           | 14.318MHZ ±30PPM 49S              | PCS      | 1        | X1                         | SHENZHEN             |                     |
| TH    |             |               |               |                                   |          |          |                            |                      |                     |
| 七     | 1           | AL CAPACITOR  | TH            | 10uF/16V ±20% 5*11mm              | PCS      | 4        | C21,C44,C57,C77            | 均生                   | -40℃~85℃            |
|       | 2           | AL CAPACITOR  | TH            | 100uF/6.3V ±20% 5*11mm            | PCS      | 2        | C64,C74                    | 均生                   | -40℃~85℃            |
|       | 3           | AL CAPACITOR  | TH            | 100uF/10V ±20% 5*11mm             | PCS      | 1        | C63                        | 均生                   | -40℃~85℃            |
|       | 4           | AL CAPACITOR  | TH            | 100uF/16V ±20% 6.3*11mm           | PCS      | 1        | C37                        | 均生                   | -40℃~85℃            |
|       | 5           | AL CAPACITOR  | TH            | 470uF/10V ±20% 8*12mm             | PCS      | 1        | C67                        | 均生                   | -40℃~85℃            |
|       | 6           | AL CAPACITOR  | TH            | 470uF/16V ±20% 8*12mm             | PCS      | 5        | C1,C4,C5,C9,C66            | 均生                   | -40℃~85℃            |
|       | 7           | DC POWER JACK | TH            | DC JACK JACK-DC-2.5mm             | PCS      | 1        | J9                         | 广盛                   |                     |
|       | 8           | CONNECTOR     | TH            | DVI 24+1 (DVI-D)                  | PCS      | 1        | J8                         | AMP                  | RIGHT ANGEL         |
|       | 9           | CONNECTOR     | TH            | D-SUB 15PIN2.29mm                 | PCS      | 1        | J6                         | AMP                  | FEMABLE RIGHT ANGLE |
|       | 10          | WAFER         | TH            | PH2.0- 12P                        | PCS      | 1        | J5                         | 广盛                   | STRAIGHT            |
|       | 11          | WAFER         | TH            | PH2.0-8P                          | PCS      | 1        | J7                         | 广盛                   | STRAIGHT            |

|       |             |            |       |                  |          |          |                             |           |             |
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| NO    |             | ITEM       | DECAL | SPECIFICATION    | UNIT     | QUANTITY | REFERNCE                    | VENDOR    | REMARK      |
|       | 12          | WAFER      | TH    | PH2.0-4P         | PCS      | 1        | J2                          | 广盛        | STRAIGHT    |
|       | 13          | WAFER      | TH    | DF14-30/1.25 WEP | PCS      | 1        | J1                          | 诚得信       | RIGHT ANGLE |
|       | 14          | RCA JACK   | TH    | WTJ32O-35A       | PCS      | 1        | RC1                         | 大众        |             |
|       | 15          | JACK AUDIO | TH    | CKX3-3.5-11      | PCS      | 2        | J3,J4                       | 广盛        |             |
| 八     | 1           | PCB        |       | MV220H REV0.3    | PCS      | 1        | 175mmX75mm 1.6T FR-4 2LAYER | 佳胜/比斯曼/技冠 |             |

| Model |    | MV220HB INVERTER |         |                                                                      | Revision |          | 1.2                            |  | DATE                                | 2007.07.02 |        |
|-------|----|------------------|---------|----------------------------------------------------------------------|----------|----------|--------------------------------|--|-------------------------------------|------------|--------|
| NO    |    | ITEM             | DECAL   | SPECIFICATION                                                        | UNIT     | QUANTITY | REFERENCE                      |  | VENDOR                              |            | REMARK |
| SMD   |    |                  |         |                                                                      |          |          |                                |  |                                     |            |        |
| 一     | 1  | CHIP RESISTOR    | SMD0603 | 1.5K----±5% 1/10W                                                    | PCS      | 4        | R1,R5,R8,R12                   |  | YAGEO/TDK/华新                        |            |        |
|       | 2  | CHIP RESISTOR    | SMD0603 | 3.3K----±5% 1/10W                                                    | PCS      | 1        | R9                             |  | YAGEO/TDK/华新                        |            |        |
|       | 3  | CHIP RESISTOR    | SMD0603 | 7.5K--- ±5% 1/10W                                                    | PCS      | 1        | R7                             |  | YAGEO/TDK/华新                        |            |        |
|       | 4  | CHIP RESISTOR    | SMD0603 | 10K----±5% 1/10W                                                     | PCS      | 6        | R3,R4,R13,R14,R15,R16          |  | YAGEO/TDK/华新                        |            |        |
|       | 5  | CHIP RESISTOR    | SMD0603 | 20K----±5% 1/10W                                                     | PCS      | 1        | R20                            |  | YAGEO/TDK/华新                        |            |        |
|       | 6  | CHIP RESISTOR    | SMD0603 | 22K----±5%1/10W                                                      | PCS      | 1        | R18                            |  | YAGEO/TDK/华新                        |            |        |
|       | 7  | CHIP RESISTOR    | SMD0603 | 27K----±5%1/10W                                                      | PCS      | 1        | R17                            |  | YAGEO/TDK/华新                        |            |        |
|       | 8  | CHIP RESISTOR    | SMD0603 | 100K----±5%1/10W                                                     | PCS      | 3        | R2,R6,R10                      |  | YAGEO/TDK/华新                        |            |        |
|       | 9  | CHIP RESISTOR    | SMD0603 | 330K----±5%1/10W                                                     | PCS      | 1        | R11                            |  | YAGEO/TDK/华新                        |            |        |
| 二     | 10 | CHIP CERAMIC     | SMD0603 | 220PF±10% X7R 50V                                                    | PCS      | 1        | C25                            |  | YAGEO/TDK                           |            |        |
|       | 11 | CHIP CERAMIC     | SMD0603 | 273 ±10% X7R 50V                                                     | PCS      | 4        | C1,C12,C14,C19                 |  | YAGEO/TDK                           |            |        |
|       | 12 | CHIP CERAMIC     | SMD0603 | 103 ±10% X7R 50V                                                     | PCS      | 1        | C13                            |  | YAGEO/TDK                           |            |        |
|       | 13 | CHIP CERAMIC     | SMD0603 | 222 ±10% X7R 50V                                                     | PCS      | 4        | C20,C21,C22,C23                |  | YAGEO/TDK                           |            |        |
|       | 14 | CHIP CERAMIC     | SMD1206 | 106 ±10% X7R 25V/10V                                                 | PCS      | 2        | C4,C7                          |  | YAGEO/TDK /<br>AVX/SAMSUNG          |            |        |
|       | 15 | CHIP CERAMIC     | SMD0603 | 472 ±10% X7R 50V                                                     | PCS      | 2        | C15,C16                        |  | YAGEO/TDK                           |            |        |
|       | 16 | CHIP CERAMIC     | SMD0603 | 102 ±10% X7R 50V                                                     | PCS      | 1        | C27                            |  | YAGEO/TDK                           |            |        |
|       | 17 | CHIP CERAMIC     | SMD0603 | 105 +80%-20% Y5V 16V                                                 | PCS      | 5        | C5,C6,C10,C11,C17              |  | YAGEO/TDK/AVX                       |            |        |
|       | 18 | CHIP CERAMIC     | SMD0805 | 105 +80%-20% Y5V 25V                                                 | PCS      | 2        | C2,C9                          |  | YAGEO/TDK/AVX                       |            |        |
| 三     | 19 | DIODE            | SOT-23  | BAV99                                                                | PCS      | 8        | D1, D2, D3, D4, D5, D6, D9,D10 |  | PHILIPS/KEC/DIODES                  |            |        |
|       | 20 | DIODE            | SMD     | BAW56                                                                | PCS      | 3        | D7,D8,D11                      |  | 长电/LRC/虹杰扬/ON                       |            |        |
|       | 21 | TRANSISTOR       | SOT-23  | KST2222                                                              | PCS      | 1        | Q4                             |  | FAIRCHILD                           |            |        |
| 四     | 22 | FET              | SO-8    | FDS8958A                                                             | PCS      | 2        | Q1,Q2                          |  | FAIRCHILD                           |            |        |
|       | 23 | FET              | SSOP-20 | FAN7311                                                              | PCS      | 1        | U1                             |  | FAIRCHILD                           |            |        |
| 五     | 24 | WAFER            | SMD     | MS2408P2(2P-3.5mm)                                                   | PCS      | 4        | J2,J3,J4,J5                    |  | 诚得信/九洲电子/<br>灿科盟/台洲广盛               |            |        |
|       | 25 | WAFER            | SMD     | EFD20 (T-2248) / TRS1501K<br>KE0514                                  | PCS      | 2        | T1,T2                          |  | 三康 /金磁 /捷创嘉                         |            |        |
| TH    |    |                  |         |                                                                      |          |          |                                |  |                                     |            |        |
| 六     | 26 | AL CAPACITOR     | TH      | 220UF/25V ±20% 8*11.5mm -<br>40℃~105℃YHX HIGH<br>RIPPLE CURRENT,LONG | PCS      | 1        | C24                            |  | RUBYCON/珠海华冠/风<br>华高科/江苏通佳/<br>格力新元 |            |        |
|       | 27 | CAPACITOR,       | TH      | 5PF +80%-20% 3KV<br>CC45SL3FD270DYHN                                 | PCS      | 4        | C3,C8,C16,C18                  |  | YAGEO/TDK                           |            |        |
|       | 28 | WAFER            | TH      | PH2.0-8PSTRAIGHT                                                     | PCS      | 1        | J1.                            |  | WEIDIDA                             |            |        |
| 七     | 29 | PCB              |         | MV179/MV190 INVERTER<br>REV 1.2                                      | PCS      | 1        | FR-4 2LAYER 1.6T135mm * 45mm   |  | 佳胜/比斯曼/技冠                           |            |        |