

Filename: PMP4354\_BOM

| Count | Refdes      | Value               | Description                                      | Size      | Part Number         | MFR        |
|-------|-------------|---------------------|--|-----------|---------------------|------------|
| 1     | C3          | NA                  | CAP CER 1000PF 50V 10% X7R 0603                  | 0603      | C1608X7R1H102K      | TDK        |
| 1     | C7          | NA                  | CAP CER 22PF 50V 5% NPO 0603                     | 0603      | C1608C0G1H220J      | TDK        |
| 1     | C4          | C0805,1uf           | CAP CER 1UF 50V 10% X7R 0805                     | 0805      | C2012X7R1H105K      | TDK        |
| 1     | C58         | C0805,4.7uf         | CAP CER 4.7UF 35V 20% X7R 0805                   | 0805      | C2012X7R1V475M125AC | TDK        |
| 1     | C57         | C1206,120pf         | CAP CER 120PF 630V 5% NPO 1206                   | 1206      | C3216C0G2J121J060AA | TDK        |
| 2     | C1 C9       | 22uF                | CAP ALUM 22UF 250V 20% RADIAL                    | 10mm*20mm | EEU-ED2E220         | Panasonic  |
| 1     | C2          | 10uF                | CAP ALUM 10UF 63V 20% RADIAL                     | 5mm*15mm  | EEU-EB1J100         | Panasonic  |
| 2     | C5 C8       | CAP_LEAD,0.22uF     | Capacitor, Ceramic, 0.22uF, 450V, 1210           | 1210      | C3225X7T2W224K      | TDK        |
| 1     | C6          | CAP_LEAD,100nF/X2   | CAP FILM 0.1UF 275VAC RADIAL                     |           | R46KF310000P1M      | Kemet      |
| 1     | D14         | BAT54s              | DIODE SCHOTKY SS 30V 200MA SOT23                 | SOT23     | BAT54s              | NXP        |
| 1     | D2          | HD06                | Diode, Bridge, 0.5-A, 600-V                      | 4-SMD     | HD06                | Diodes     |
| 1     | D5          | MURA160T3G          | Rectifier, SMD Ultrafast Power, 600V 1A          | SMA       | MURA160T3G          | Onsemi     |
| 1     | D7          | MMSZ5250B-7-F       | DIODE ZENER 20V 500MW SOD-123                    | SOD123    | MMSZ5250B-7-F       | Diodes     |
| 1     | DNR1        | 820573011           | Varistor, 471V                                   |           | 820573011           | Wurth      |
| 4     | D1 D3 D4 D8 | M7                  | Standard Rectifier, 1A, 1000V                    |           | M7                  | STD        |
| 1     | F2          | 3691100000          | FUSE SLOW 250VAC 500MA RADIAL                    |           | 3691100000          | Littlefuse |
| 1     | L1          | 700uH               | RM5, 700uH inductor                              |           | RM5                 |            |
| 1     | L2          | 744772472           | Radial leaded wire wound inductor, 4.7mH         |           | 744772472           | Wurth      |
| 1     | R7          | 10K                 | Resistor, Chip, 1/8W, 1%                         | 0805      | STD                 | Yageo      |
| 1     | R60         | NA                  |  |           |                     |            |
| 1     | R6          | 100K                | Resistor, Chip, 1/10W, 1%                        | 0603      | STD                 | Yageo      |
| 2     | R4-5        | 160K                | Resistor, Chip, 1/10W, 1%                        | 0603      | STD                 | Yageo      |
| 1     | R2          | 20K                 | Resistor, Chip, 1/10W, 1%                        | 0603      | STD                 | Yageo      |
| 1     | R1          | 300K                | Resistor, Chip, 1/10W, 1%                        | 0603      | STD                 | Yageo      |
| 1     | R3          | 16K                 | Resistor, Chip, 1/10W, 1%                        | 0603      | STD                 | Yageo      |
| 1     | R59         | 4                   | Resistor, Chip, 1/4W, 1%                         | 1206      | STD                 | Yageo      |
| 1     | R11         | 39k                 | Resistor, Chip, 1/8W, 1%                         | 0805      | STD                 | Yageo      |
| 2     | R8-9        | 200K                | Resistor, Chip, 1/4W, 1%                         | 1206      | STD                 | Yageo      |
| 1     | R10         | NA                  | Resistor, Chip, 1/8W, 1%                         | 0805      | STD                 | Yageo      |
| 1     | Q2          | STD4NK50Z-1         | MOSFET N-CH 500V 3A IPAK                         | Ipak      | STD4NK50Z-1         | ST         |
| 1     | U1          | UCC28610D,UCC28610D | IC, Quasi-Resonant Flyback Green-Mode Controller | SO-8      | UCC28610D           | TI         |

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