

Filename: Pro86C6.tmp  
 Variant: 001  
 Generated: 12/8/2016 4:59:10 PM  
 TID #: N/A



**PMP20457 REV A Bill of Materials**

| Item # | Designator | Quantity | Value  | PartNumber          | Manufacturer              | Description  | PackageReference          |
|--------|------------|----------|--------|---------------------|---------------------------|--|---------------------------|
| 1      | C1         | 1        | 2.2uF  | GRM155R61A225ME95   | MuRata                    | CAP, CERM, 2.2 $\mu$ F, 10 V, +/- 20%, X5R, 0402                                       | 0402                      |
| 2      | C2         | 1        | 7pF    | GQM2195C2A7R0CB01D  | MuRata                    | CAP, CERM, 7 pF, 100 V, +/- 5%, COG/NPO, 0805  | 0805                      |
| 3      | C4         | 1        | 0.47uF | ECW-FD2W474Q1       | Panasonic                 | CAP, Film, 0.47 $\mu$ F, 450 V, +/- 10%, TH  | 12.6x6.5x12.7mm           |
| 4      | C5         | 1        | 0.1uF  | ECQ-U2A104ML        | Panasonic                 | CAP, Film, 0.1 $\mu$ F, 275 V, +/- 20%, TH   | 17.5x5.5x12.5mm           |
| 5      | C6         | 1        | 470uF  | EEE-FC1A471P        | Panasonic                 | CAP, AL, 470 $\mu$ F, 10 V, +/- 20%, 0.15 ohm, SMD                                     | SMT Radial G              |
| 6      | C7         | 1        | 10uF   | CL05A106MP5NUNC     | Samsung Electro-Mechanics | CAP, CERM, 10 $\mu$ F, 10 V, +/- 20%, X5R, 0402  | 0402                      |
| 7      | C8         | 1        | 0.1uF  | C1005X7R1H104K050BB | TDK                       | CAP, CERM, 0.1 $\mu$ F, 50 V, +/- 10%, X7R, 0402                                       | 0402                      |
| 8      | C100       | 1        | 220pF  | GRM155R71H221KA01D  | MuRata                    | CAP, CERM, 220 pF, 50 V, +/- 10%, X7R, 0402  | 0402                      |
| 9      | D1         | 1        | 160V   | SMAJ160CA           | Littelfuse                | Diode, TVS, Bi, 160 V, 400 W, SMA  | SMA                       |
| 10     | D2, D3     | 2        | 1000V  | 1N4007              | Fairchild Semiconductor   | Diode, P-N, 1000 V, 1 A, TH  | DO-41                     |
| 11     | D6         | 1        | 40V    | MBRA340T3G          | ON Semiconductor          | Diode, Schottky, 40 V, 3 A, SMA  | SMA                       |
| 12     | L1         | 1        | 1mH    | CBC3225T102KR       | Taiyo Yuden               | Inductor, Wirewound, 1 mH, 0.1 A, 0.013 ohm, SMD                                       | 3.2x2.5x2.5mm             |
| 13     | R1         | 1        | 240k   | CRCW0402240KFKED    | Vishay-Dale               | RES, 240 k, 1%, 0.063 W, 0402  | 0402                      |
| 14     | R2         | 1        | 51.1k  | CRCW040251K1FKED    | Vishay-Dale               | RES, 51.1 k, 1%, 0.063 W, 0402   | 0402                      |
| 15     | R3         | 1        | 140k   | CRCW0402140KFKED    | Vishay-Dale               | RES, 140 k, 1%, 0.063 W, 0402  | 0402                      |
| 16     | R5         | 1        | 22.1k  | CRCW040222K1FKED    | Vishay-Dale               | RES, 22.1 k, 1%, 0.063 W, 0402   | 0402                      |
| 17     | RF1        | 1        | 10     | PWR4522AS10R0JA     | Bourns                    | RES, 10, 5%, 3 W, Fusible, TH  | Axial                     |
| 18     | RV1        | 1        | 275V   | S10K275E2           | EPCOS Inc                 | Varistor 275V RMS 10MM Radial, TH  | 10mm Radial               |
| 19     | T1         | 1        | 10 mH  | 750315313           | Würth Elektronik eiSos    | Transformer, 10 mH, SMT  | 17.75x13.46mm             |
| 20     | TP3, TP5   | 2        | White  | 5002                | Keystone                  | Test Point, Miniature, White, TH   | White Miniature Testpoint |
| 21     | TP4        | 1        | Red    | 5000                | Keystone                  | Test Point, Miniature, Red, TH   | Red Miniature Testpoint   |
| 22     | TP6        | 1        | Black  | 5001                | Keystone                  | Test Point, Miniature, Black, TH   | Black Miniature Testpoint |
| 23     | U1         | 1        |        | UCC28881DR          | Texas Instruments         | 700-V Lowest Quiescent Current Off-Line Switcher, D0007A                               | D0007A                    |
| 24     | U2         | 1        |        | LP2980IM5-ADJ/NOPB  | Texas Instruments         | Micropower 50 mA Ultra Low-Dropout Adjustable Voltage Regulator, 5-pin SOT-23, Pb-Free | MF05A                     |
| 25     | C3         | 0        | 0.47uF | ECW-FD2W474Q1       | Panasonic                 | CAP, Film, 0.47 $\mu$ F, 450 V, +/- 10%, TH  | 12.6x6.5x12.7mm           |

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