

Variant: 001  
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## PMP23558 REV C Bill of Materials

| Item # | Designator           | Quantity | Value   | PartNumber           | Manufacturer               | Description                                                                       | PackageReference             |
|--------|----------------------|----------|---------|----------------------|----------------------------|-----------------------------------------------------------------------------------|------------------------------|
| 1      | BD1, BD2             | 2        |         | GBL610               |                            |                                                                                   |                              |
| 2      | C1                   | 1        | 1nF     | R413D1100JMT0K       | KEMET                      | 1000 pF Film Capacitor 300V 1500V (1.5kV) Polypropylene (PP), Metallized Radial   | RADIAL                       |
| 3      | C2                   | 1        | 0.22uF  | 8.90324E+11          | Wurth Elektronik           | CAP, Film, 0.22 uF, 275 V, +/- 10%, TH                                            | 15x7mm                       |
| 4      | C3, C104, C105       | 3        | 220µF   | 227AVG035MFB         | Cornell Dubilier           | 220 µF 35 V Aluminum - Polymer Capacitors Radial, Can 26mOhm 1500 Hrs @ 125°C     | RADIAL                       |
| 5      | C4                   | 1        | 100uF   | 35ZLJ100M6.3X11      | Rubycon                    | CAP, AL, 100 µF, 35 V, +/- 20%, TH                                                | D6.3xL11mm                   |
| 6      | C5                   | 1        | 330pF   | C0603C331K5RACTU     | Kemet                      | CAP, CERM, 330 pF, 50 V, +/- 10%, X7R, 0603                                       | 0603                         |
| 7      | C6                   | 1        | 10uF    | GRM188R61E106KA73D   | MuRata                     | CAP, CERM, 10 µF, 25 V, +/- 10%, X5R, 0603                                        | 0603                         |
| 8      | C7                   | 1        | 0.01uF  | C0603C103K5RACTU     | Kemet                      | CAP, CERM, 0.01 uF, 50 V, +/- 10%, X7R, 0603                                      | 0603                         |
| 9      | C8                   | 1        | 470pF   | 06035A471JAT2A       | AVX                        | CAP, CERM, 470 pF, 50 V, +/- 5%, C0G/NP0, 0603                                    | 0603                         |
| 10     | C9                   | 1        | 0.1uF   | GCM188R71H104KA57D   | MuRata                     | CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603                                       | 0603                         |
| 11     | C10, C101, C110      | 3        | 0.1uF   | 06035C104KA22A       | AVX                        | CAP, CERM, 0.1 µF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0603                     | 0603                         |
| 12     | C21, C23, C117, C128 | 4        | 1uF     | GRJ188R71E105KE11D   | MuRata                     | CAP, CERM, 1 µF, 25 V, +/- 10%, X7R, 0603                                         | 0603                         |
| 13     | C22, C24, C102, C111 | 4        | 22pF    | CGA3E2C0G1H220J080AA | TDK                        | CAP, CERM, 22 pF, 50 V, +/- 5%, C0G/NP0, AEC-Q200 Grade 1, 0603                   | 0603                         |
| 14     | C25, C27             | 2        |         | Used in BOM report   | Used in BOM report         |                                                                                   | eg: 0603, used in PnP report |
| 15     | C28                  | 1        | 10pF    | VJ1206A100JXGAT5Z    | Vishay-Vitramon            | CAP, CERM, 10 pF, 1000 V, +/- 5%, C0G/NP0, 1206                                   | 1206                         |
| 16     | C29, C30             | 2        |         | Used in BOM report   | Used in BOM report         | EKXN451ELL820MK40S                                                                | eg: 0603, used in PnP report |
| 17     | C31                  | 1        | 0.1uF   | C3216X7T2W104K160AE  | TDK                        | CAP, CERM, 0.1 uF, 450 V, +/- 10%, X7T, 1206                                      | 1206                         |
| 18     | C32                  | 1        | 3300pF  | GRM1885C1H332JA01D   | MuRata                     | CAP, CERM, 3300 pF, 50 V, +/- 5%, C0G/NP0, 0603                                   | 0603                         |
| 19     | C33, C120            | 2        | 220pF   | GRM1885C1H221JA01D   | MuRata                     | CAP, CERM, 220 pF, 50 V, +/- 5%, C0G/NP0, 0603                                    | 0603                         |
| 20     | C36                  | 1        | 0.22uF  | GCM188R71H224KA64D   | MuRata                     | CAP, CERM, 0.22 uF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0603                    | 0603                         |
| 21     | C37, C39             | 2        | 1uF     | 06033C105KAT2A       | AVX                        | CAP, CERM, 1 uF, 25 V, +/- 10%, X7R, 0603                                         | 0603                         |
| 22     | C38                  | 1        | 0.033uF | GRM188R71H333KA61D   | MuRata                     | CAP, CERM, 0.033 uF, 50 V, +/- 10%, X7R, 0603                                     | 0603                         |
| 23     | C40                  | 1        | 390pF   | C0603C391J5GACTU     | Kemet                      | CAP, CERM, 390 pF, 50 V, +/- 5%, C0G/NP0, 0603                                    | 0603                         |
| 24     | C41                  | 1        | 2200pF  | C0603C222K5RACTU     | Kemet                      | CAP, CERM, 2200 pF, 50 V, +/- 10%, X7R, 0603                                      | 0603                         |
| 25     | C103, C109           | 2        | 0.015uF | PHE426MA5150JR05     | Kemet                      | CAP, Film, 0.015 uF, 630 V, +/- 20%, TH                                           | 13x4mm                       |
| 26     | C106, C107           | 2        | 10uF    | CL31B106KBHNNNE      | Samsung                    | CAP, CERM, 10 uF, 50 V, +/- 10%, X7R, 1206                                        | 1206                         |
| 27     | C108                 | 1        | 150pF   | GRM31A5C2J151JW01D   | MuRata                     | CAP, CERM, 150 pF, 630 V, +/- 5%, C0G/NP0, 1206                                   | 1206                         |
| 28     | C112, C112A          | 2        | 15uF    | C2012X5R1V156M125AC  | TDK                        | CAP, CERM, 15 uF, 35 V, +/- 20%, X5R, 0805                                        | 0805                         |
| 29     | C114                 | 1        | 4.7uF   | GRM188Z71A475ME15D   | MuRata                     | CAP, CERM, 4.7 uF, 10 V, +/- 20%, X7R, 0603                                       | 0603                         |
| 30     | C115                 | 1        | 1uF     | C1608X7R1V105K080AC  | TDK                        | CAP, CERM, 1 uF, 35 V, +/- 10%, X7R, 0603                                         | 0603                         |
| 31     | C116                 | 1        | 1500pF  | GRM188R71H152KA01D   | MuRata                     | CAP, CERM, 1500 pF, 50 V, +/- 10%, X7R, 0603                                      | 0603                         |
| 32     | C118                 | 1        | 180pF   | 06035A181JAT2A       | AVX                        | CAP, CERM, 180 pF, 50 V, +/- 5%, C0G/NP0, 0603                                    | 0603                         |
| 33     | C119                 | 1        | 0.047uF | C1608X7R1H473K080AA  | TDK                        | CAP, CERM, 0.047 uF, 50 V, +/- 10%, X7R, 0603                                     | 0603                         |
| 34     | C121                 | 1        | 100pF   | C0603C101F5GACTU     | Kemet                      | CAP, CERM, 100 pF, 50 V, +/- 1%, C0G/NP0, 0603                                    | 0603                         |
| 35     | C122, C123           | 2        | 0.022uF | C1206C223KDRCTU      | Kemet                      | CAP, CERM, 0.022 µF, 1000 V, +/- 10%, X7R, AEC-Q200 Grade 1, 1206                 | 1206                         |
| 36     | C124                 | 1        | 0.1uF   | C0603C104K5RACTU     | Kemet                      | CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603                                       | 0603                         |
| 37     | C125, C126           | 2        | 100pF   | C1608C0G2A101F080AA  | TDK                        | CAP, CERM, 100 pF, 100 V, +/- 1%, C0G/NP0, 0603                                   | 0603                         |
| 38     | C127                 | 1        | 1000pF  | C0603X102K5RACTU     | Kemet                      | CAP, CERM, 1000 pF, 50 V, +/- 10%, X7R, 0603                                      | 0603                         |
| 39     | C200                 | 1        |         |                      | Wurth Elektronik           | WCAP-ATUL Aluminum Electrolytic Capacitor, Radial, THT, D10 x H12.5mm, 220µF, 35V |                              |
| 40     | C201, C202           | 2        | 2200pF  | VY2222M35Y5US63V7    | Vishay-Bccomponents        | CAP, CERM, 2200 pF, 440 V, +/- 20%, VY2, D9xT5mm                                  | D9xT5mm                      |
| 41     | CY101                | 1        | 1000pF  | DK1E3EA102M86RAH01   | MuRata                     | CAP, CERM, 1000 pF, X1 440 VAC/Y1 250 VAC, +/- 20%, E, 8x6mm                      | 8x6mm                        |
| 42     | D1, D5               | 2        | 40V     | SD103AWS-TP          | Micro Commercial Component | Diode, Schottky, 40 V, 0.35 A, SOD-323                                            | SOD-323                      |

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|--------|----------------------|----------|---------|-------------------------|----------------------------|----------------------------------------------------------------|------------------------------|
| 43     | D2                   | 1        | 1000V   | S1MFL                   | ON Semiconductor           | Diode, GP, 1KV, 1 A, SOD-123F                                  | SOD-123                      |
| 44     | D3                   | 1        | 1000V   | S1MFL                   | ON Semiconductor           | Diode, GP, 1KV, 1 A, SOD-123F                                  | SOD-123F                     |
| 45     | D4                   | 1        | 18V     | MMSZ5248BS-7-F          | Diodes Inc.                | Diode, Zener, 18 V, 200 mW, SOD-323                            | SOD-323                      |
| 46     | D21, D25             | 2        | 1000V   | S3MB-13-F               | Diodes Incorporated        | Diode, GP, 1000V, 3 A, SMB                                     | SMB                          |
| 47     | D22                  | 1        | 600V    | BYV34G-600,127          | ON Semiconductor           | Diode, Ultrafast, 600 V, 8 A, TO-220AB                         | TO-220AB                     |
| 48     | D23, D24             | 2        | 75V     | 1N4148WS-7-F            | Diodes Inc.                | Diode, Switching, 75 V, 0.15 A, AEC-Q101, SOD-323              | SOD-323                      |
| 49     | D101                 | 1        | 200V    | ES1D-E3/61T             | Vishay-Semiconductor       | Diode, Ultrafast, 200 V, 1 A, AEC-Q101, SMA                    | SMA                          |
| 50     | D102                 | 1        | 600V    | UFM15PL-TP              | Micro Commercial Component | Diode, Ultrafast, 600 V, 1 A, SOD-123FL                        | SOD-123FL                    |
| 51     | D103                 | 1        | 27V     | MM3Z27VST1G             | ON Semiconductor           | Diode, Zener, 27 V, 300 mW, SOD-323                            | SOD-323                      |
| 52     | D200                 | 1        |         | BZX84J-C3V0,115         | Nexperia                   | Diode Zener Single 4.7V 2% 550mW Automotive 2-Pin SOD-323F T/R | SC90                         |
| 53     | F1                   | 1        |         | 39213150000             | Littelfuse                 | Fuse, 3.15 A, 250VAC/VDC, TH                                   | 8x8.5x4mm                    |
| 54     | L1                   | 1        |         | 744842565               | Würth Elektronik           | Coupled inductor, 5 A, 0.013 ohm, TH                           | 18.5x14.5mm                  |
| 55     | L2                   | 1        |         | 744824310               | Würth                      |                                                                |                              |
| 56     | L3                   | 1        | 43uH    | ATQ18-43UH-MY           | 3L                         | RESONANT INDUCTOR                                              | PTH2                         |
| 57     | L4                   | 1        | 105uH   | ATQ32-T-105UH-W2        | 3L                         | 250W PFC Inductor                                              | PTH3                         |
| 58     | L22                  | 1        |         | TCX2-750K-3.5A-127125-U | 3L                         |                                                                | eg: 0603, used in PnP report |
| 59     | Q1                   | 1        | 60V     | 2N7002-7-F              | Diodes Inc.                | MOSFET, N-CH, 60 V, 0.17 A, SOT-23                             | SOT-23                       |
| 60     | Q101, Q102           | 2        | 60V     | CSD18540Q5B             | Texas Instruments          | MOSFET, N-CH, 60 V, 100 A, DNK0008A (VSON-CLIP-8)              | DNK0008A                     |
| 61     | Q103, Q104           | 2        |         | TLP383(GR-TPL,E         | Toshiba                    | Optoisolator Transistor Output 5000Vrms 1 Channel 6-SO         | SO6-4                        |
| 62     | R1, R2               | 2        | 2.2k    | CRCW12062K20JNEA        | Vishay-Dale                | RES, 2.2 k, 5%, 0.25 W, AEC-Q200 Grade 0, 1206                 | 1206                         |
| 63     | R3                   | 1        | 0       | RC0603JR-070RL          | Yageo                      | RES, 0, 5%, 0.1 W, 0603                                        | 0603                         |
| 64     | R4                   | 1        | 100k    | CRCW0603100KJNEAC       | Vishay-Dale                | RES, 100 k, 5%, 0.1 W, 0603                                    | 0603                         |
| 65     | R5                   | 1        | 0       | RCS06030000Z0EA         | Vishay-Dale                | RES, 0, 0%, 0.25 W, AEC-Q200 Grade 0, 0603                     | 0603                         |
| 66     | R8                   | 1        | 4.7     | CRCW06034R70JNEA        | Vishay-Dale                | RES, 4.7, 5%, 0.1 W, AEC-Q200 Grade 0, 0603                    | 0603                         |
| 67     | R9                   | 1        | 20.0k   | CRCW060320K0FKEA        | Vishay-Dale                | RES, 20.0 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603                 | 0603                         |
| 68     | R10                  | 1        | 10k     | CRCW060310K0JNEA        | Vishay-Dale                | RES, 10 k, 5%, 0.1 W, 0603                                     | 0603                         |
| 69     | R21, R23, R28        | 3        | 2.74Meg | CRCW08052M74FKEA        | Vishay-Dale                | RES, 2.74 M, 1%, 0.125 W, AEC-Q200 Grade 0, 0805               | 0805                         |
| 70     | R22, R26, R27        | 3        | 3.24Meg | CRCW08053M24FKEA        | Vishay-Dale                | RES, 3.24 M, 1%, 0.125 W, AEC-Q200 Grade 0, 0805               | 0805                         |
| 71     | R24, R25, R101, R105 | 4        | 150k    | CRCW0603150KJNEA        | Vishay-Dale                | RES, 150 k, 5%, 0.1 W, AEC-Q200 Grade 0, 0603                  | 0603                         |
| 72     | R29                  | 1        | 24.3k   | RC0603FR-0724K3L        | Yageo                      | RES, 24.3 k, 1%, 0.1 W, 0603                                   | 0603                         |
| 73     | R30                  | 1        | 1.82Meg | CRCW08051M82FKEA        | Vishay-Dale                | RES, 1.82 M, 1%, 0.125 W, AEC-Q200 Grade 0, 0805               | 0805                         |
| 74     | R31                  | 1        | 64.9    | RC0603FR-0764R9L        | Yageo                      | RES, 64.9, 1%, 0.1 W, 0603                                     | 0603                         |
| 75     | R32                  | 1        | 20      | CRCW060320R0JNEA        | Vishay-Dale                | RES, 20, 5%, 0.1 W, 0603                                       | 0603                         |
| 76     | R33                  | 1        | 750     | RC0603JR-07750RL        | Yageo                      | RES, 750, 5%, 0.1 W, 0603                                      | 0603                         |
| 77     | R34, R38             | 2        | 47      | CRCW060347R0JNEA        | Vishay-Dale                | RES, 47, 5%, 0.1 W, AEC-Q200 Grade 0, 0603                     | 0603                         |
| 78     | R35                  | 1        | 180k    | CRCW0603180KJNEA        | Vishay-Dale                | RES, 180 k, 5%, 0.1 W, 0603                                    | 0603                         |
| 79     | R36                  | 1        | 220k    | CRCW0603220KJNEA        | Vishay-Dale                | RES, 220 k, 5%, 0.1 W, AEC-Q200 Grade 0, 0603                  | 0603                         |
| 80     | R37                  | 1        | 66.5k   | RC0603FR-0766K5L        | Yageo                      | RES, 66.5 k, 1%, 0.1 W, 0603                                   | 0603                         |
| 81     | R102, R122           | 2        | 0.003   | CSNL1206FT3L00          | Stackpole Electronics Inc  | RES, 0.003, 1%, 1 W, 1206                                      | 1206                         |
| 82     | R103                 | 1        | 220k    | RC0603FR-07220KL        | Yageo                      | RES, 220 k, 1%, 0.1 W, 0603                                    | 0603                         |
| 83     | R104                 | 1        | 25.5k   | RC0603FR-0725K5L        | Yageo                      | RES, 25.5 k, 1%, 0.1 W, 0603                                   | 0603                         |
| 84     | R106                 | 1        | 1       | RC0603FR-071RL          | Yageo                      | RES, 1.00, 1%, 0.1 W, 0603                                     | 0603                         |
| 85     | R107                 | 1        | 21.5k   | RC0603FR-0721K5L        | Yageo                      | RES, 21.5 k, 1%, 0.1 W, 0603                                   | 0603                         |
| 86     | R108                 | 1        | 470k    | B57371V2474J060         | TDK                        | NTC Thermistor 470k 0603 (1608 Metric)                         | 0603                         |
| 87     | R109, R114, R115     | 3        | 4.99Meg | CRCW08054M99FKEA        | Vishay-Dale                | RES, 4.99 M, 1%, 0.125 W, AEC-Q200 Grade 0, 0805               | 0805                         |
| 88     | R110                 | 1        | 47.5k   | RC0603FR-0747K5L        | Yageo                      | RES, 47.5 k, 1%, 0.1 W, 0603                                   | 0603                         |
| 89     | R111                 | 1        | 14.0k   | RC0603FR-0714KL         | Yageo                      | RES, 14.0 k, 1%, 0.1 W, 0603                                   | 0603                         |
| 90     | R112                 | 1        | 10k     | RC0603JR-0710KL         | Yageo                      | RES, 10 k, 5%, 0.1 W, 0603                                     | 0603                         |
| 91     | R113                 | 1        | 182     | RC0603FR-07182RL        | Yageo                      | RES, 182, 1%, 0.1 W, 0603                                      | 0603                         |
| 92     | R117                 | 1        | 162k    | RC0603FR-07162KL        | Yageo                      | RES, 162 k, 1%, 0.1 W, 0603                                    | 0603                         |
| 93     | R118                 | 1        | 10.0k   | M55342K12B10E0T         | TT Electronics/IRC         | RES, 10.0 k, 1%, 0.1 W, 0603                                   | 0603                         |
| 94     | R119                 | 1        | 604k    | CRCW0603604KFKEA        | Vishay-Dale                | RES, 604 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603                  | 0603                         |

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|--------|------------------------|----------|--------|--------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| 95     | R120                   | 1        | 158k   | RC0603FR-07158KL   | Yageo                    | RES, 158 k, 1%, 0.1 W, 0603                                                                                                                          | 0603                         |
| 96     | R121                   | 1        | 150k   | RC0603FR-07150KL   | Yageo                    | RES, 150 k, 1%, 0.1 W, 0603                                                                                                                          | 0603                         |
| 97     | R123                   | 1        | 0      | CRCW06030000Z0EA   | Vishay-Dale              | RES, 0, 5%, 0.1 W, AEC-Q200 Grade 0, 0603                                                                                                            | 0603                         |
| 98     | R125                   | 1        | 221k   | RC0603FR-07221KL   | Yageo                    | RES, 221 k, 1%, 0.1 W, 0603                                                                                                                          | 0603                         |
| 99     | R127                   | 1        | 1.47k  | RC0603FR-071K47L   | Yageo                    | RES, 1.47 k, 1%, 0.1 W, 0603                                                                                                                         | 0603                         |
| 100    | R128, R129             | 2        | 12     | ERJ-6GEYJ120V      | Panasonic                | RES, 12, 5%, 0.125 W, AEC-Q200 Grade 0, 0805                                                                                                         | 0805                         |
| 101    | R130, R131             | 2        | 330    | RC0603JR-07330RL   | Yageo                    | RES, 330, 5%, 0.1 W, 0603                                                                                                                            | 0603                         |
| 102    | R132                   | 1        | 84.5k  | RC0603FR-0784K5L   | Yageo                    | RES, 84.5 k, 1%, 0.1 W, 0603                                                                                                                         | 0603                         |
| 103    | R200                   | 1        | 249    | CRCW0603249RFKEA   | Vishay-Dale              | RES, 249, 1%, 0.1 W, AEC-Q200 Grade 0, 0603                                                                                                          | 0603                         |
| 104    | RV1                    | 1        |        | V275LA2P           | Littelfuse               | VARISTOR 450V 1.2KA DISC 7MM                                                                                                                         | Dia. 7mm                     |
| 105    | T1                     | 1        |        | ATQ27-T-375UH-W6   | 3L                       | LLC TRANSFORMER                                                                                                                                      |                              |
| 106    | TP1, TP2, TP101, TP106 | 4        |        | 5011               | Keystone                 | Test Point, Multipurpose, Black, TH                                                                                                                  | Black Multipurpose Testpoint |
| 107    | U1                     | 1        |        | OPA2170AIDCUR      | Texas Instruments        | 36V, microPower, Rail-to-Rail Output, Dual, General Purpose Op Amp in microPackage, DCU0008A (VSSOP-8)                                               | DCU0008A                     |
| 108    | U2                     | 1        |        | LM4040D25QDBZR     | Texas Instruments        | Precision Micropower Shunt Voltage Reference, 1% accuracy, 2.5 V, 15 ppm / degC, 15 mA, -40 to 125 degC, 3-pin SOT-23 (DBZ), Green (RoHS & no Sb/Br) | DBZ0003A                     |
| 109    | U21, U22, U101, U103   | 4        |        | LMG3622REQ         | Texas Instruments        | 650-V GaN FET With Integrated Driver and Current Sense Emulation                                                                                     | VQFN38                       |
| 110    | U23                    | 1        |        | UCC28056ADBVR      | Texas Instruments        | 6-Pin Single-Phase Transition-Mode PFC Controller, DBV0006A (SOT-23-6)                                                                               | DBV0006A                     |
| 111    | U102                   | 1        |        | UCC256604DDBR      | Texas Instruments        | 750kHz Wide VIN/VOUT Range LLC Controller Optimized for Light Load Efficiency                                                                        | SOIC14                       |
| 112    | U105                   | 1        |        | MP6924AGS-P        | Monolithic Power Systems | Power Supply Controller Flyback, Forward Converters, LLC 8-SOIC                                                                                      | SOIC8                        |
| 113    | C113                   | 0        | 4700pF | C0603C472K5RACTU   | Kemet                    | CAP, CERM, 4700 pF, 50 V, +/- 10%, X7R, 0603                                                                                                         | 0603                         |
| 114    | CY1, CY2               | 0        | 1000pF | DK1E3EA102M86RAH01 | MuRata                   | CAP, CERM, 1000 pF, X1 440 VAC/Y1 250 VAC, +/- 20%, E, 8x6mm                                                                                         | 8x6mm                        |
| 115    | Q2                     | 0        | 30V    | DMN63D8LDW-7       | Diodes Inc.              | MOSFET, 2-CH, N-CH, 30 V, 0.22 A, AEC-Q101, SOT-363                                                                                                  | SOT-363                      |
| 116    | R6                     | 0        | 510k   | CRCW0603510KJNEA   | Vishay-Dale              | RES, 510 k, 5%, 0.1 W, 0603                                                                                                                          | 0603                         |
| 117    | R7                     | 0        | 0      | RCS06030000Z0EA    | Vishay-Dale              | RES, 0, 0%, 0.25 W, AEC-Q200 Grade 0, 0603                                                                                                           | 0603                         |
| 118    | R116                   | 0        | 750    | CRCW0603750RFKEA   | Vishay-Dale              | RES, 750, 1%, 0.1 W, AEC-Q200 Grade 0, 0603                                                                                                          | 0603                         |
| 119    | R126                   | 0        | 2.0k   | CRCW06032K00JNEA   | Vishay-Dale              | RES, 2.0 k, 5%, 0.1 W, AEC-Q200 Grade 0, 0603                                                                                                        | 0603                         |

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