

PMP40269 REV A Bill of Materials

| Designator | Quantity | Value | PartNumber | Manufacturer | Description | PackageReference |
|------------------|----------|---------|--------------------|-------------------|--|---|
| C1, C2, C15, C17 | 4 | 10uF | GRM155R60J106ME15D | MuRata | CAP, CERM, 10 µF, 6.3 V, +/- 20%, X5R, 0402 | 0402 |
| C3, C4, C6 | 3 | 10uF | GRM32ER61H106KA12L | MuRata | CAP, CERM, 10 µF, 50 V, +/- 10%, X5R, 1210 | 1210 |
| C5, C7, C18 | 3 | 0.1uF | GRM155R61H104ME14D | MuRata | CAP, CERM, 0.1 µF, 50 V, +/- 20%, X5R, 0402 | 0402 |
| C8 | 1 | 0.47uF | GRM155R61E474KE01D | MuRata | CAP, CERM, 0.47 µF, 25 V, +/- 10%, X5R, 0402 | 0402 |
| C9, C16 | 2 | 0.1uF | 885012105001 | Würth Elektronik | CAP, CERM, 0.1 µF, 6.3 V, +/- 10%, X5R, 0402 | 0402 |
| C10 | 1 | 47uF | GRM32ER61A476KE20L | MuRata | CAP, CERM, 47 µF, 10 V, +/- 10%, X5R, 1210 | 1210 |
| C11, C12, C19 | 3 | 47uF | 885012108004 | Würth Elektronik | CAP, CERM, 47 µF, 6.3 V, +/- 20%, X5R, 1206 | 1206 |
| C13 | 1 | 4.7uF | 885012105008 | Würth Elektronik | CAP, CERM, 4.7 µF, 6.3 V, +/- 20%, X5R, 0402 | 0402 |
| C14 | 1 | 0.033uF | 885012205015 | Würth Elektronik | CAP, CERM, 0.033 µF, 10 V, +/- 10%, X5R, 0402 | 0402 |
| J1 | 1 | | 12401610E4#2A | Amphenol Canada | Receptacle, 0.5mm, USB TYPE C, R/A, SMT | Receptacle, 0.5mm, USB TYPE C, R/A, SMT |
| J2 | 1 | | 614 104 150 121 | Würth Elektronik | Connector, Receptacle, USB Type A, R/A, Bottom Mount TH | Connector, Receptacle, USB Type A, TH |
| J3, J5, J6 | 3 | | 61300211121 | Würth Elektronik | Header, 2.54 mm, 2x1, Gold, TH | Header, 2.54mm, 2x1, TH |
| L1 | 1 | 6.8uH | XAL8080-682MEB | Coilcraft | Inductor, Shielded, Composite, 6.8 µH, 11.3 A, 0.0132 ohm, SMD | 8.1 x 8 x 8.6mm |
| R1 | 1 | 100k | CRCW0402100KFKED | Vishay-Dale | RES, 100 k, 1%, 0.063 W, 0402 | 0402 |
| R2 | 1 | 200 | CRCW0402200RFKED | Vishay-Dale | RES, 200, 1%, 0.063 W, 0402 | 0402 |
| R3 | 1 | 1.33k | CRCW04021K33FKED | Vishay-Dale | RES, 1.33 k, 1%, 0.063 W, 0402 | 0402 |
| R4 | 1 | 820k | CRCW0402820KJNED | Vishay-Dale | RES, 820 k, 5%, 0.063 W, 0402 | 0402 |
| R5 | 1 | 200k | CRCW0402200KFKED | Vishay-Dale | RES, 200 k, 1%, 0.063 W, 0402 | 0402 |
| R6 | 1 | 0 | CRCW04020000Z0ED | Vishay-Dale | RES, 0, 5%, 0.063 W, 0402 | 0402 |
| R7 | 1 | 20.0k | CRCW040220K0FKED | Vishay-Dale | RES, 20.0 k, 1%, 0.063 W, 0402 | 0402 |
| R8 | 1 | 3.3 | CRCW04023R30JNED | Vishay-Dale | RES, 3.3, 5%, 0.063 W, 0402 | 0402 |
| U1 | 1 | | TPS25821DSSR | Texas Instruments | USB Type-C 1.5 A DFP Controller and Power Switch, DSS0012B (WSON-12) | DSS0012B |
| U2 | 1 | | LMS3655MMRNLR | Texas Instruments | LMS3655MMRNLR, RNL0022A (VQFN-HR-22) | RNL0022A |
| U3 | 1 | | TPS2549RTER | Texas Instruments | USB Charging Port Controller, RTE0016C (WQFN-16) | RTE0016C |
| J7, J9, J10 | 0 | | 61300211121 | Würth Elektronik | Header, 2.54 mm, 2x1, Gold, TH | Header, 2.54mm, 2x1, TH |

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Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265
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