

**PMP40268 REV A Bill of Materials**

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	0.47uF	C1608X7R1H474K080AC	TDK	CAP, CERM, 0.47 µF, 50 V, +/- 10%, X7R, 0603	0603
C2	1	2.2uF	GRM188Z71C225KE43	MuRata	CAP, CERM, 2.2 µF, 16 V, +/- 10%, X7R, 0603	0603
C3, C4, C9	3	47uF	GRM32ER71A476KE15L	MuRata	CAP, CERM, 47 µF, 10 V, +/- 20%, X7R, 1210	1210
C5, C11	2	4.7uF	GRJ31CR71H475KE11L	MuRata	CAP, CERM, 4.7 µF, 50 V, +/- 10%, X7R, 1206	1206
C6, C8	2	0.1uF	C1608X7R1E104K	TDK	CAP, CERM, 0.1 µF, 25 V, +/- 10%, X7R, 0603	0603
C7	1	0.1uF	C0603C104J4RACTU	Kemet	CAP, CERM, 0.1 µF, 16 V, +/- 5%, X7R, 0603	0603
C19	1	10uF	C0805C106K8RACTU	Kemet	CAP, CERM, 10 µF, 10 V, +/- 10%, X7R, 0805	0805
D2	1	30V	BAT54HT1G	ON Semiconductor	Diode, Schottky, 30 V, 0.2 A, SOD-323	SOD-323
J1	1		JPD1135-509-7F	Foxconn	Connector, DC Power Jack, R/A, 3 Pos, TH	Power connector
J2	1		632 723 300 011	Würth Elektronik	Connector, Receptacle, USB Type C, R/A	Connector, Receptacle, USB Type C, R/A, THT/SMT
J3	1		48037-1000	Molex	Connector, Plug, USB Type A, R/A, Top Mount SMT	USB Type A right angle
L1	1	10uH	XAL6060-103MEB	Coilcraft	Inductor, Shielded, Composite, 10 µH, 7.6 A, 0.03 ohm, SMD	IND_6.4x6.1x6.6
R1	1	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, 0603	0603
R2	1	13.0k	RC0603FR-0713KL	Yageo America	RES, 13.0 k, 1%, 0.1 W, 0603	0603
R3	1	0.005	WSL12065L000FEA	Vishay-Dale	RES, 0.005, 1%, 0.25 W, 1206	1206
R4	1	3.0	CRCW06033R00JNEA	Vishay-Dale	RES, 3.0, 5%, 0.1 W, 0603	0603
R6	1	1.21k	CRCW06031K21FKEA	Vishay-Dale	RES, 1.21 k, 1%, 0.1 W, 0603	0603
R7	1	22.0k	RC0603FR-0722KL	Yageo America	RES, 22.0 k, 1%, 0.1 W, 0603	0603
R8	1	62.0k	RC0603FR-0762KL	Yageo America	RES, 62.0 k, 1%, 0.1 W, 0603	0603
R11	1	4.70k	RC0603FR-074K7L	Yageo America	RES, 4.70 k, 1%, 0.1 W, 0603	0603
R12, R13, R14	3	10k	CRCW060310K0JNEA	Vishay-Dale	RES, 10 k, 1%, 0.1 W, 0603	0603
R15	1	100k	CRCW0603100KFKEA	Vishay-Dale	RES, 100 k, 1%, 0.1 W, 0603	0603
U1	1		TPS25810TWRVCRQ1	Texas Instruments	USB Type-C DFP Controller and Power Switch with Load Detection, RVC0020A	RVC0020A
U2	1		LMS3635AQRNLRQ1	Texas Instruments	LMS3635AQRNLRQ1, RNL0022A (VQFN-HR-22)	RNL0022A
U3	1		INA213AIDCKR	Texas Instruments	Voltage Output, High or Low Side Measurement, Bi-Directional Zero-Drift Series Current-Shunt Monitor, DCK0006A (SOT-6)	DCK0006A
R5	0	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, 0603	0603

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