

PMP40260 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C2	1	2200pF	C0603C222K5RAC	Kemet	CAP, CERM, 2200 pF, 50 V, +/- 10%, X7R, 0603	0603
C3	1	470pF	GRM31A7U2J471JW31D	MuRata	CAP, CERM, 470 pF, 630 V, +/- 5%, U2J, 1206	1206
C4, C5	2	10uF	UVC2G100MPD1TD	Nichicon	CAP, AL, 10 μF, 400 V, +/- 20%, 18 ohm, TH	D10xL14mm
C6, C7	2	560uF		Samxon	CAP, AL, 560 μF, 6.3 V, +/- 20%, 0.007 ohm, TH	
C8	1	100pF	DE1B3KX101KB4BN01F	MuRata	CAP CER 100PF 250V RADIAL	Disc, 8x12mm
C9	1	2.2uF	C2012X7R1H225K125AC	TDK	CAP, CERM, 2.2 μF, 50 V, +/- 10%, X7R, 0805	0805
C10	1	0.47uF	GRM188R61A474KA61D	MuRata	CAP, CERM, 0.47 μF, 10 V, +/- 10%, X5R, 0603	0603
C19	1	10uF	C0805C106K8PACTU	Kemet	CAP, CERM, 10 μF, 10 V, +/- 10%, X5R, 0805	0805
D2	1	45V	SBR10U45SP5	Diodes Inc.	Diode, Super Barrier Rectifier, 45 V, 10 A, PowerDI5	PowerDI5
D3, D5, D6, D7, D8	5	600V	DFLR1600-7	Diodes Inc.	Diode, Standard Recovery Rectifier, 600 V, 1 A, PowerDI123	PowerDI123
D4	1	200V	BAS20HT1G	ON Semiconductor	Diode, Switching, 200 V, 0.2 A, AEC-Q101, SOD-323	SOD-323
F1	1		0263001.WRT1L	Littelfuse	Fuse, 1 A, 250VAC/VDC, TH	Fuse, 7.11x3.94mm
J2	1		632 723 300 011	Würth Elektronik	Connector, Receptacle, USB Type C, R/A	Connector, Receptacle, USB Type C, R/A, THT/SMT
L1	1	220uH	7447462221	Würth Elektronik	Inductor, Unshielded Drum Core, Ferrite, 220 μH, 0.5 A, 0.96 ohm, TH	D6 x 8.5mm
Q1	1	650V	SW7N65K	Samwin	MOSFET, N-CH, 600 V, 7 A, IPAK	IPAK
R1	1	200	CRCW0603200RFKEA	Vishay-Dale	RES, 200, 1%, 0.1 W, 0603	0603
R5	1	10.0k	CRCW080510K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.125 W, 0805	0805
R6	1	20.0	CRCW080520R0FKEA	Vishay-Dale	RES, 20.0, 1%, 0.125 W, 0805	0805
R7, R14	2	4.7Meg	CRCW08054M70JNEA	Vishay-Dale	RES, 4.7 M, 5%, 0.125 W, 0805	0805
R8	1	470k	RC1206FR-07470KL	Yageo America	RES, 470 k, 1%, 0.25 W, 1206	1206
R10, R12, R30	3	620	RC1206FR-07620RL	Yageo America	RES, 620, 1%, 0.25 W, 1206	1206
R13	1	1.30k	RC0603FR-071K3L	Yageo America	RES, 1.30 k, 1%, 0.1 W, 0603	0603
R15	1	100k	CRCW0603100KFKEA	Vishay-Dale	RES, 100 k, 1%, 0.1 W, 0603	0603
R16	1	2.2Meg	CRCW08052M20JNEA	Vishay-Dale	RES, 2.2 M, 5%, 0.125 W, 0805	0805
R17	1	10.0	RC0603FR-0710RL	Yageo America	RES, 10.0, 1%, 0.1 W, 0603	0603
R18	1	47	CRCW060347R0JNEA	Vishay-Dale	RES, 47, 5%, 0.1 W, 0603	0603
R19	1	68.0k	RC0603FR-0768KL	Yageo America	RES, 68.0 k, 1%, 0.1 W, 0603	0603
R20	1	620k	RC0603FR-07620KL	Yageo America	RES, 620 k, 1%, 0.1 W, 0603	0603
R21	1	1.80k	RC0603FR-071K8L	Yageo America	RES, 1.80 k, 1%, 0.1 W, 0603	0603
R22	1	2.70	ERJ-6RQF2R7V	Panasonic	RES, 2.70, 1%, 0.125 W, 0805	0805
R23	1	2.4	RC0805FR-072R4L	Yageo America	RES, 2.4, 1%, 0.125 W, 0805	0805
R24	1	43.0k	RC0603FR-0743KL	Yageo America	RES, 43.0 k, 1%, 0.1 W, 0603	0603
R26	1	0	RC0805JR-070RL	Yageo America	RES, 0, 5%, 0.125 W, 0805	0805
T1	1	10339-T048	10339-T048	Sumida	Transformer, Flyback, EE1617	
U1	1		UCC28704DBVR-1	Texas Instruments	CV/CC Flyback Controller with Primary-Side Regulation (PSR) and CC Under-Voltage Protection, DBV0006A (SOT-6)	DBV0006A
U2	1		TPS25821DSS	Texas Instruments	USB Type-C 1.5 A DFP Controller and Power Switch, DSS0012B (WSON-12)	DSS0012B
RT1	0	NA			Resistor	AXIAL-0.4

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