

PMP9460

Designator	Description	Manufacturer	PartNumber	Quantity
C1	CAP, CERM, 10uF, 50V, +/-10%, X7R, 1210	MuRata	GRM32ER71H106KA12L	1
C2	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	MuRata	GCM188R71H104KA57B	1
C3, C4	CAP, CERM, 10uF, 25V, +/-10%, X7R, 1206	MuRata	GRM31CR71E106KA12L	2
C5	CAP, CERM, 1uF, 16V, +/-10%, X5R, 0603	Kemet	C0603C105K4PACTU	1
C6	CAP, CERM, 1000pF, 25V, +/-10%, X7R, 0603	MuRata	GRM188R71E102KA01D	1
C7	CAP, CERM, 0.01uF, 50V, +/-10%, X7R, 0603	MuRata	GRM188R71H103KA01D	1
C8	CAP, CERM, 0.01uF, 16V, +/-10%, X7R, 0603	MuRata	GRM188R71C103KA01D	1
C9, C10, C11, C12, C13, C14, C15, C16	CAP, CERM, 4.7uF, 25V, +/-20%, X7R, 0805	TDK Corporation	CGA4J1X7R1E475M125AC	8
C17, C18, C19, C20	Ceramic, X7R, 1000V, 10%	Vishay-Vitramon	VJ1210Y102KXGAT5Z	4
D1	Diode, Schottky, 45V, 0.1A, SOD-523	Diodes Inc.	SDM10U45-7-F	1
D2, D3, D4, D5	Diode, Schottky, 100V, 0.25A, SOD-123F	NXP Semiconductor	BAT46WH,115	4
D6, D8	Diode, Zener, 11V, 500mW, SOD-123	Diodes Inc.	MMSZ5241B-7-F	2
D7, D9	Diode, Zener, 18V, 500mW, SOD-123	Diodes Inc.	MMSZ5248B-7-F	2
FB, SW	Test Point, TH, Miniature, Red	Keystone	5000	2
FID1, FID2, FID3	Fiducial mark. There is nothing to buy or mount.	N/A	N/A	3
GND1	Test Point, TH, Miniature, Black	Keystone	5001	1
GND, GND2, TE1_T, TE2_B, VCC_B, VCC_T, VDD, VEE_B, VEE_T, Vin	Terminal, Turret, TH, Double	Keystone	1502-2	10
H1, H3	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	B&F Fastener Supply	NY PMS 440 0025 PH	2
H5, H7	Standoff, Hex, 0.5"L #4-40 Nylon	Keystone	1902C	2
J1, J2, J3, J4, J5, J6	Connector, Receptacle, 100mil, 2x1, Gold plated, TH	TE Connectivity	5-534206-1	6
LBL1	Thermal Transfer Printable Labels, 0.650" W x 0.200" H - 10,000 per roll	Brady	THT-14-423-10	1
R1	RES, 4.42k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW06034K42FKEA	1
R2	RES, 20.0k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW060320K0FKEA	1
R3	RES, 143k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW0603143KFKEA	1
R4	RES, 49.9k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW060349K9FKEA	1
R5	RES, 340k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW0603340KFKEA	1
R6	RES, 40.2k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW060340K2FKEA	1
R7, R10	RES, 4.02k ohm, 1%, 0.125W, 0805	Vishay-Dale	CRCW08054K02FKEA	2
R8, R9	RES, 2.00k ohm, 1%, 0.125W, 0805	Vishay-Dale	CRCW08052K00FKEA	2
T1	Transformer	Würth	750314624	1
U1	100V, 600mA Constant On-Time Synchronous Buck Regulator	Texas Instruments	LM5017MR	1

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