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PMP9486

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer	Alternate PartNumber	Alternate Manufacturer
!PCB1	1		Printed Circuit Board		PMP9486	Any		
C1, C8	2	2200pF	CAP, CERM, 2200 pF, 2000 V, +/- 10%, X7R, 1812	1812	C4532X7R3D222K	TDK		
C2, C3, C4, C5, C6, C7, C9, C10, C11, C13, C14	11	4.7uF	CAP, CERM, 4.7uF, 25V, +/-20%, X7R, 0805	0805 (2012 Metric)	CGA4J1X7R1E475M125AC	TDK Corporation		
C12	1	3.3uF	CAP, CERM, 3.3 uF, 50 V, +/- 20%, X7R, 1210	1210	C3225X7R1H335M	TDK		
C15	1	4700pF	CAP, CERM, 4700 pF, 100 V, +/- 5%, X7R, 0603	0603	06031C472JAT2A	AVX		
C16	1	0.01uF	CAP, CERM, 0.01uF, 16V, +/-10%, X7R, 0603	0603	GRM188R71C103KA01D	MuRata	-	-
C17	1	0.01uF	CAP, CERM, 0.01 uF, 100 V, +/- 5%, X7R, 0603	0603	06031C103JAT2A	AVX		
C18	1	1uF	CAP, CERM, 1uF, 16V, +/-10%, X5R, 0603	0603	C0603C105K4PACTU	Kemet	-	-
C19	1	10uF	CAP, CERM, 10uF, 25V, +/-10%, X7R, 1206	1206	GRM31CR71E106KA12L	MuRata		
C20	1	22uF	CAP, CERM, 22 uF, 16 V, +/- 20%, X7R, 1210	1210	C3225X7R1C226M	TDK		
C21	1	10uF	CAP, CERM, 10uF, 50V, +/-10%, X7R, 1210	1210	GRM32ER71H106KA12L	MuRata		
C22	1	0.1uF	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	0603	06035C104KAT2A	AVX		
D1, D2, D3, D4	4	100V	Diode, Schottky, 100V, 1A, PowerDI123	PowerDI123	DFLS1100-7	Diodes Inc.		
D5	1	0.58V	Diode, Schottky, 45V, 0.1A, SOD-523	SOD-523	SDM10U45-7-F	Diodes Inc.	-	-
H1, H2, H3, H4	4		Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	Screw	NY PMS 440 0025 PH	B&F Fastener Supply		
H5, H6, H7, H8	4		Standoff, Hex, 0.5"L #4-40 Nylon	Standoff	1902C	Keystone		
LBL1	1		Thermal Transfer Printable Labels, 0.650" W x 0.200" H - 10,000 per roll	PCB Label 0.650"H x 0.200"W	THT-14-423-10	Brady		
R1	1	2.20k	RES, 2.20k ohm, 0.1%, 0.125W, 0805	0805	RG2012P-222-B-T5	Susumu Co Ltd		
R2, R3, R4	3	4.70k	RES, 4.70k ohm, 0.1%, 0.125W, 0805	0805	RT0805BRD074K7L	Yageo America		
R5	1	27k	RES, 27 k, 5%, 0.1 W, 0603	0603	CRCW060327K0JNEA	Vishay-Dale		
R6	1	348k	RES, 348 k, 1%, 0.1 W, 0603	0603	CRCW0603348KFKEA	Vishay-Dale		
R7	1	49.9k	RES, 49.9k ohm, 1%, 0.1W, 0603	0603	CRCW060349K9FKEA	Vishay-Dale		
R8	1	7.32k	RES, 7.32 k, 1%, 0.1 W, 0603	0603	CRCW06037K32FKEA	Vishay-Dale		
R9	1	1.00k	RES, 1.00 k, 1%, 0.1 W, 0603	0603	CRCW06031K00FKEA	Vishay-Dale		
T1	1		Transformer,		750314851	Würth Elektronik eiSos		
TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10	10	Double	Terminal, Turret, TH, Double	Keystone1502-2	1502-2	Keystone	Equivalent	Any
TP11, TP13	2	Red	Test Point, TH, Miniature, Red	Keystone5000	5000	Keystone	-	-
TP12	1	Black	Test Point, TH, Miniature, Black	Keystone5001	5001	Keystone		
U1	1			PSOP-8	LM5017MR	National Semiconductor		
FID1, FID2, FID3	0		Fiducial mark. There is nothing to buy or mount.	Fiducial	N/A	N/A		

Notes:

Unless otherwise noted in the Alternate PartNumber and/or Alternate Manufacturer columns, all parts may be substituted with equivalents.

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