

PMP21386

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer	PackageReference	Value
Fitted	Printed Circuit Board	!PCB?	PMP21386	1	Any		
Fitted	CAP, CERM, 4.7 μ F, 25 V, +/- 10%, X7R, 0805	C10, C20	C2012X7R1E475K125 AB	2	TDK	0805	4.7uF
Fitted	CAP, CERM, 1000 pF, 50 V, +/- 10%, COG/NP0, 0603	C11, C21	06035A102KAT2A	2	AVX	0603	1000pF
Fitted	CAP, CERM, 0.1 μ F, 25 V, +/- 20%, X7R, 0402	C12, C22	TMK105B7104MV-FR	2	Taiyo Yuden	0402	0.1uF
Fitted	CAP, CERM, 1 μ F, 25 V, +/- 10%, X7R, 0603	C13, C23	C1608X7R1E105K080 AB	2	TDK	0603	1uF
Fitted	CAP, CERM, 10 μ F, 25 V, +/- 20%, X7R, 1210	C14, C15, C16, C24,	C3225X7R1E106M250 AC	6	TDK	1210	10uF
Fitted	CAP, CERM, 0.1 μ F, 25 V, +/- 10%, X7R, 0603	C17, C27	GRM188R71E104KA0 1D	2	MuRata	0603	0.1uF
Fitted	CAP, Aluminum Polymer, 470 μ F, 2.5 V, +/- 20%, 4.5 ohm, 7.3x1.8x4.3mm SMD	C50, C51, C52, C56	EEFSX0E471E4	4	Panasonic	7.3x1.8x4.3mm	470uF
Fitted	CAP, CERM, 100 μ F, 6.3 V, +/- 20%, X6S, 1210	C53, C54, C55	C3225X6S0J107M250 AC	3	TDK	1210	100uF
Fitted	CAP, AL, 330 μ F, 25 V, +/- 20%, 0.15 ohm, SMD	C100, C101	EEE-FC1E331P	2	Panasonic	SMT Radial G	330uF
Fitted	CAP, CERM, 0.1 μ F, 10 V, +/- 10%, X7R, 0603	C300, C319	C0603X104K8RACTU	2	Kemet	0603	0.1uF
Fitted	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	H1, H2, H3, H4	NY PMS 440 0025 PH	4	B&F Fastener Supply	Screw	
Fitted	Standoff, Hex, 0.5"L #4-40 Nylon	H5, H6, H7, H8	1902C	4	Keystone	Standoff	
Fitted	Header, 100mil, 2x1, TH	J101	800-10-002-10- 001000	1	Mill-Max	Header, 2x1, 100mil, TH	
Fitted	Terminal Block, 5.08 mm, 2x1, Brass, TH	J300	ED120/2DS	1	On-Shore Technology	2x1 5.08 mm Terminal Block	
Fitted	Terminal Block, 5.08 mm, 4x1, Brass, TH	J302, J303	ED120/4DS	2	On-Shore Technology	4x1 5.08 mm Terminal Block	
Fitted	Header, 100mil, 3x1, TH	J304	800-10-003-10- 001000	1	Mill-Max	Header, 3x1, 100mil, TH	
Fitted	Connector, Ultra-Mini Coaxial, SMD	J309, J319	U.FL-R-SMT-1	2	Hirose Electric Co. Ltd.	Ultra small CO- AX SMD	
Fitted	Inductor, Wirewound, Ferrite, 300 nH, 35 A, 0.00029 ohm, SMD	L1, L2	FP1007R3-R30-R	2	Coiltronics	FP1007R3	300nH
Fitted	Thermal Transfer Printable Labels, 0.650" W x 0.200" H - 10,000 per roll	LBL1	THT-14-423-10	1	Brady	PCB Label 0.650"H x 0.200"W	

Fitted	MOSFET, N-CH, 25 V, 113 A, DQH0008A (VSON-CLIP-8)	Q300	CSD16408Q5	1	Texas Instruments	DQH0008A	25V
Fitted	RES, 23.7 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0402	R10	ERJ-2RKF2372X	1	Panasonic	0402	23.7k
Fitted	RES, 40.2 k, 1%, 0.063 W, 0402	R11	CRCW040240K2FKED	1	Vishay-Dale	0402	40.2k
Fitted	RES, 45.3 k, 1%, 0.063 W, 0402	R13, R21	CRCW040245K3FKED	2	Vishay-Dale	0402	45.3k
Fitted	RES, 187 k, 1%, 0.063 W, 0402	R15, R25	CRCW0402187KFKED	2	Vishay-Dale	0402	187k
Fitted	RES, 3.0 ohm, 5%, 0.125W, 0805	R16, R17, R26, R27	RC0805JR-073RL	4	Yageo America	0805	3.0
Fitted	RES, 0, 5%, 0.063 W, 0402	R19, R29, R31, R41,	CRCW04020000Z0ED	7	Vishay-Dale	0402	0
Fitted	RES, 51.1 k, 1%, 0.063 W, 0402	R24	CRCW040251K1FKED	1	Vishay-Dale	0402	51.1k
Fitted	RES, 100 k, 5%, 0.063 W, 0402	R30	CRCW0402100KJNED	1	Vishay-Dale	0402	100k
Fitted	RES, 10, 5%, 0.063 W, 0402	R50, R53	CRCW040210R0JNED	2	Vishay-Dale	0402	10
Fitted	RES, 1.00 k, 1%, 0.063 W, 0402	R52	CRCW04021K00FKED	1	Vishay-Dale	0402	1.00k
Fitted	RES, 1.00, 1%, 0.1 W, 0603	R301	CRCW06031R00FKEA	1	Vishay-Dale	0603	1.00
Fitted	RES, 10.0 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	R302	RMCF0603FT10K0	1	Stackpole Electronics I	0603	10.0k
Fitted	RES, 0.02, 1%, 3 W, 2512	R303	CRA2512-FZ-R020ELF	1	Bourns	2512	0.02
Fitted	RES, 49.9, 1%, 0.063 W, 0402	R304, R314	CRCW040249R9FKED	2	Vishay-Dale	0402	49.9
Fitted	Test Point, Miniature, Red, TH	TP102, TP103, TP105, TP106, TP300, TP301,	5000	8	Keystone	Red Miniature Testpoint	Red
Fitted	Test Point, Miniature, White, TH	TP107	5002	1	Keystone	White Miniature Testpoint	
Fitted	Test Point, Miniature, Black, TH	TP109, TP303, TP304, TP307	5001	4	Keystone	Black Miniature Testpoint	Black
Fitted	Test Point, Compact, SMT	TP305, TP308, TP309, TP315	5016	4	Keystone	Testpoint_Keystone_Compact	
Fitted	40A FIXED FREQUENCY NON-COMPENSATON STACKABLE SYNCHRONOUS BUCK CONVERTER, RVF0040A	U1, U2	TPS543C20RVFT	2	Texas Instruments	RVF0040A	
Not Fitted	Fiducial mark. There is nothing to buy or mount.	FID1, FID2, FID3	N/A	0	N/A	Fiducial	
Not Fitted	RES, 8.66 k, 1%, 0.063 W, 0402	R12, R14	CRCW04028K66FKED	0	Vishay-Dale	0402	8.66k
Not Fitted	RES, 40.2 k, 1%, 0.063 W, 0402	R23	CRCW040240K2FKED	0	Vishay-Dale	0402	40.2k
Not Fitted	RES, 9.76 M, 1%, 0.063 W, 0402	R51	CRCW04029M76FKED	0	Vishay-Dale	0402	9.76Meg

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