

PMP21487

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer	PackageReference	Value
Fitted	CAP, AL, 10uF, 35V, +/-20%, TH	C1	UVR1V100MDD1TA	1	Nichicon	CAPPR2-5x11	10uF
Fitted	CAP, CERM, 22pF, 50V, +/-5%, COG/NP0, 0603	C2	06035A220JAT2A	1	AVX	0603	22pF
Fitted	CAP, AL, 6.8uF, 400V, +/-20%, TH	C3	400AX6R8M8x11	1	Rubycon	8x11	6.8uF
Fitted	CAP ALUM 27UF 400V 20% RADIAL	C4	UPZ2G270MND9	1	Nichicon	12.5x25	27uF
Fitted	CAP ALUM 150UF 25V 20% RADIAL	C5	EEU-FR1E151B	1	Panasonic	6.3x11.2mm	150uF
Fitted	CAP, CERM, 1uF, 50V, +/-10%, X7R, 0805	C6	08055C105KAT2A	1	AVX	0805	1uF
Fitted	Diode, Ultrafast, 100V, 0.15A, SOD-123	D1	1N4148W-7-F	1	Diodes Inc.	SOD-123	100V
Fitted	DIODE FAST REC 600V 1A DO214AC	D2	ES1J-TP	1	Diodes Inc.	SMA	600V
Fitted	Diode, Switching-Bridge, 600V, 0.5A, MiniDIP	D3	RH06-T	1	Diodes Inc.	MiniDIP	600V
Fitted	Diode, Ultrafast, 600V, 1A, SMB	D4	MURS160-13-F	1	Diodes Inc.	SMB	600V
Fitted	Inductor, Unshielded Drum Core, Ferrite, 1mH, 0.25A, 4.38 ohm, TH	L1	7447462102	1	Würth Elektronik eiSc	D6 x 8.5mm	1mH
Fitted	INDUCTOR 82UH 1A 8095 RAD	L2	744772820	1	Würth Elektronik eiSc	Dia 8x10mm	82uH
Fitted	MOSFET N-CH 600V 2.4A DPAK	Q1	STD3NK60ZD	1	ST Microelectronics	DPAK	600V
Fitted	RES, 51.1k ohm, 1%, 0.1W, 0603	R1	CRCW060351K1FKEA	1	Vishay-Dale	0603	51.1k
Fitted	RES, 432k ohm, 1%, 0.25W, 1206	R2	CRCW1206432KFKEA	1	Vishay-Dale	1206	432k
Fitted	RES, 11.5 k, 1%, 0.1 W, 0603	R3	CRCW060311K5FKEA	1	Vishay-Dale	0603	11.5k
Fitted	RES, 301 ohm, 1%, 0.1W, 0603	R4	CRCW0603301RFKEA	1	Vishay-Dale	0603	301
Fitted	RES, 1.2, 5%, 0.125 W, 0805	R5	CRCW08051R20JNEA	1	Vishay-Dale	0805	1.2
Fitted	RES, 5.1k ohm, 5%, 0.25W, 1206	R6, R101, R102	CRCW12065K10JNEA	3	Vishay-Dale	1206	5.1k
Fitted	RES, 1.82, 1%, 0.125 W, 0805	R7	CRCW08051R82FKEA	1	Vishay-Dale	0805	1.82
Fitted	RES, 4.7 ohm, 5%, 1W, Fusible, TH	RF1	FKN1WSJR-52-4R7	1	Yageo America	Axial resistor	4.7
Fitted	Test Point, Miniature, Red, TH	TP1, TP2	5000	2	Keystone	Red Miniature Te	Red
Fitted	Test Point, TH, Miniature, Black	TP3, TP4	5001	2	Keystone	Keystone5001	Black

Fitted	Constant-Voltage, Constant-Current Controller With Primary-Side Regulation, D0007A	U1	UCC28710D	1	Texas Instruments	D0007A	
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