

PMP8583 Rev_A BOM

Quantity	Designator	Value	Description	PackageReference	PartNumber	Manufacturer
1	C1	10uF	CAP, AL, 10uF, 400V, +/-20%, 2.8 ohm, TH	10x20	EEUED2G100	Panasonic
1	C2	22uF	CAP, AL, 22uF, 400V, +/-20%, 1.3 ohm, TH	12.5x25	EEUED2G220	Panasonic
1	C3	470uF	CAP, AL, 470uF, 16V, +/-20%, TH	CAPPR3p5-8x16	ESY477M016AG8AA	Kemet
1	C4	1uF	CAP, CERM, 1uF, 16V, +/-10%, X7R, 0603	0603	C1608X7R1C105K	TDK
1	C5	22uF	CAP, CERM, 22uF, 25V, +/-10%, X6S, 1210	1210	GRM32EC81E226KE15L	MuRata
1	C6	2200pF	CAP, CERM, 2200pF, 630V, +/-5%, C0G/NP0, 1206	1206	C3216C0G2J222J	TDK
1	D1	1.15V	Diode, Switching-Bridge, 600V, 0.5A, MiniDIP	MiniDIP	RH06-T	Diodes Inc.
1	D2	0.75V	Diode, Schottky, 100V, 1A, SMB	SMB	MBRS1100T3G	ON Semiconductor
1	D3	BAS21	Silicon Switching Diode for High-Speed, High-Voltage Switching	SOT-23	BAS21	Infineon
1	D4	UF4005	Diode, UltraFast Rectifier, 600V, 1A	DO-41	UF4005	Vishay
2	L1, L2	470uH	Inductor, Drum Core, Ferrite, 470uH, 0.42A, 1.48 ohm, SMD	SDR1006	SDR1006-471KL	Bourns
1	R1	1.3k	RES, 1.3k ohm, 5%, 0.1W, 0603	0603	CRCW06031K30JNEA	Vishay-Dale
1	R3	75k	RES, 75k ohm, 5%, 0.1W, 0603	0603	CRCW060375K0JNEA	Vishay-Dale
1	R4	35.7k	RES, 35.7k ohm, 5%, 0.1W, 0603	0603	CRCW060357K0JNEA	Vishay-Dale
1	R5	22	RES, 22 ohm, 0.5%, 0.1W, 0805	0805	RR1220Q-220-D	Susumu Co Ltd
1	R6	22k	RES, 22k ohm, 5%, 0.1W, 0603	0603	CRCW060322K0JNEA	Vishay-Dale
1	R7	51	RES, 51 ohm, 5%, 0.125W, 0805	0805	CRCW080551R0JNEA	Vishay-Dale
1	R8	120k	RES, 120k ohm, 5%, 0.25W, 1206	1206	CRCW1206120KJNEA	Vishay-Dale
2	R9, R10	6.8k	RES, 6.8k ohm, 5%, 0.25W, 1206	1206	CRCW12066K80JNEA	Vishay-Dale
1	R11	10	RES, 10 ohm, 5%, 0.25W, 1206	1206	CRCW120610R0JNEA	Vishay-Dale
1	R12	S10K275E2	Varistor, 275V, 25A	0.472 x 0.213 inch	SIOV-S10K275E2	Epcos
1	T1	750313829	Transformer Flyback, Custom	n/a	750313829	Wuerth
3	TP1, TP2, TP3	Red	Test Point, TH, Miniature, Red	Keystone5000	5000	Keystone
1	TP4	Black	Test Point, TH, Miniature, Black	Keystone5001	5001	Keystone
1	U1	UCC28910D	Low Stand-by power, CV / CC, PWM HV Switcher Primary-side regulated	SOIC7	UCC28910D	Texas Instruments

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