

PMP7895\_BOM

Comment	Description	Designator	Footprint	LibRef	Quantity
MuRata, GRM21BR61C106	CAP, CERM, 10uF, 16V, +/-	C1, C4	0805_HV	GRM21BR61C106KE15L	2
GRM21BR61C106KE15L	CAP, CERM, 10uF, 16V, +/-	C2, C16	0805_HV	GRM21BR61C106KE15L	2
Chemi con, APXA160ARA3	CAP, AL, 330uF, 16V, +/-20	C3	CAPSMT_62_JC0	APXA160ARA331MJC0G	1
C1608X7R1H104K	CAP, CERM, 0.1uF, 50V, +/-	C5, C10, C11, C12, C15	0603	C1608X7R1H104K	5
06033C101KAT2A	CAP, CERM, 100pF, 25V, +/-	C6	0603	06033C101KAT2A	1
GRM188R71C473KA01D	CAP, CERM, 0.047uF, 16V, +/-	C7, C8, C13	0603	GRM188R71C473KA01D	3
GRM188R71E105KA12D	CAP, CERM, 1uF, 25V, +/-	C9	0603	GRM188R71E105KA12D	1
VJ1210Y102KXGAT5Z	CAP, CERM, 1000pF, 1000V	C14	1210	VJ1210Y102KXGAT5Z	1
Vishay, 6CWQ04FNPBF	Diode, Schottky, 40V, 7A, D	D1	DPAK	6CWQ04FNPBF	1
BAT54HT1G	Diode, Schottky, 30V, 0.2A,	D2, D3	sod-323	BAT54HT1G	2
Pulse, PE68411	Coupled inductor, 22uH, 5.0	L1	MSD1260-COUPLED	Coupled_MSD1260-223ML	1
Infineon, BSZ042N04NS G	MOSFET, N-CH, 40V, 40A, Q	Q1	PG-TSDSON-8	BSZ042N04NS G	1
Vishay, SI4401BDY	MOSFET, P-CH, -40V, -8.7	Q2	SOIC-8	SI4401BDY	1
RC0603FR-074R75L	RES, 4.75 ohm, 1%, 0.1W,	R1	0603	RC0603FR-074R75L	1
CRCW060318R2FKEA	RES, 18.2 ohm, 1%, 0.1W,	R2	0603	CRCW060318R2FKEA	1
CRCW060310K0FKEA	RES, 10.0k ohm, 1%, 0.1W,	R3, R12	0603	CRCW060310K0FKEA	2
CRCW0603100RFKEA	RES, 100 ohm, 1%, 0.1W,	R4	0603	CRCW0603100RFKEA	1
CRCW06031K00FKEA	RES, 1.00k ohm, 1%, 0.1W,	R5, R8, R11	0603	CRCW06031K00FKEA	3
CRCW0603100KFKEA	RES, 100k ohm, 1%, 0.1W,	R6	0603	CRCW0603100KFKEA	1
CRCW060318K2FKEA	RES, 18.2k ohm, 1%, 0.1W,	R7, R14	0603	CRCW060318K2FKEA	2
CRCW0603750RFKEA	RES, 750 ohm, 1%, 0.1W,	R9	0603	CRCW0603750RFKEA	1
CRCW06038K66FKEA	RES, 8.66k ohm, 1%, 0.1W,	R10	0603	CRCW06038K66FKEA	1
CRCW060326K7FKEA	RES, 26.7k ohm, 1%, 0.1W,	R13	0603	CRCW060326K7FKEA	1
CRCW06033K32FKEA	RES, 3.32k ohm, 1%, 0.1W,	R15	0603	CRCW06033K32FKEA	1
CRCW060316R5FKEA	RES, 16.5 ohm, 1%, 0.1W,	Rx1	0603	CRCW060316R5FKEA	1
Coilcraft, CST2-100	Current Sense Transformer	U1	CT02	CT02-100	1
Fairchild, FODM121	Full Pitch Mini-Flat Package	U2	FOD121	FODM121	1
TI, LM5026SD	Active Clamp Current Mode	U3	SDA16A	LM5026SD	1
TI, LMV431BIMF	Low-Voltage (1.24V) Adjust	U4	MF03A_N	LMV431BIMF	1

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