

			PMP5679_RevA BOM			
COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C1	220pF	Capacitor, Ceramic, 50V, NPO, 5%	0603	std	std
2	C11, C12	22uF	Capacitor, Ceramic, 16V, X5R, 20%	1210	C3225X5R1C226M	TDK
1	C15	3.3uF	Capacitor, Ceramic, 3.3uF, 50V, X7R, 20%	1210	C3225X7R1H335M	TDK
1	C2	0.22uF	Capacitor, Ceramic, 16V, X7R, 10%	0603	std	std
1	C8	4.7uF	Capacitor, Ceramic, 3.3uF, 50V, X7R, 20%	1210	C3225X7R1H335M	TDK
1	C3	3.3pF	Capacitor, Ceramic, 50V, NPO, [tol]	0603	std	std
1	C4	0.022uF	Capacitor, Ceramic, 50V, X7R 15%	0603	std	std
1	C5	0.1u	Capacitor, Ceramic, 50V, X7R, 10%	0603	std	std
1	C7	1u	Capacitor, Ceramic, 16V, X7R, 20%	0603	std	std
1	C9	330pF	Capacitor, Ceramic, 50V, NPO, 15%	0603	std	std
1	D1	MBRS360	Diode	SMC		
1	L2	33uH	Inductor	0.484 x 0.484 inch	MSD1278-333	Coiltronics
1	Q3	FDS3590	MOSFET, N-ch, 80-V, 6-A, 44-milliOhms	SO8	FDS3590	Fairchild
1	R1	249k	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R10	1k	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R11	0.033	Resistor, Chip, 1/2W, 1%	1206	RL1632S-R033-F	Susumu
1	R2	7.5k	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R3	2.61k	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R5	49.9k	Resistor, Chip, 1/16W, 1%	0603	std	std
2	R6, R15	0	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R7	10	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R9	49.9	Resistor, Chip, 1/16W, 1%	0603	std	std
1	U1	TPS40210DGS	IC, Non-Synchronous Boost Controller	DGS10	TPS40210DGS	TI
MISC						
3	TP1, TP8, TP11	5011	Test Point, Black, Thru Hole	0.125 x 0.125 inch	5011	Keystone
2	TP2, TP10	5010	Test Point, Red, Thru Hole	0.125 x 0.125 inch	5010	Keystone
2	TP4, TP5	5002	Test Point, White, Thru Hole Color Keyed	0.100 x 0.100 inch	5002	Keystone
1	TP7	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
2	J1, J2	D120/2DS	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35 inch	D120/2DS	OST
1	L4	0	Inductor, SMT, yyA, zzmilohm	0.200 x 0.200 inch	MSS5131-xxxMX_	Coilcraft
1	R14	0	Resistor, Chip, 1W	2512	WSL-2512	STD

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