

PMP4465_RevA_Bom

Qty	Reference	Value	Description	Size	Part Number	MFR
4	TP1-4	5000	TEST POINT PC MINI .040"D RED	0.25mm*0.51mm	5000	Keystone Electronics
1	TP5	5001	TEST POINT PC MINI .040"D BLACK	0.25mm*0.51mm	5001	Keystone Electronics
1	L2	2.2uH	FIXED IND 2.2UH 9A 11.4 MOHM SMD	6.9mm*6.9mm	744311220	Würth
2	L3-4	4.7uH	FIXED IND 4.7UH 6A 19.5 MOHM SMD	6.9mm*6.9mm	744311470	Würth
3	C11-12 C21	22pF	CAP, CERM, 22pF, 50V, +/-5%, C0G/NP0, 0603	603	22pF	std
1	C3	82pF	CAP, CERM, 82pF, 50V, +/-5%, C0G/NP0, 0603	603	82pF	std
2	C16 C20	22uF	CAP CER 22UF 6.3V 20% X7R 1206	1206	CGA5L1X7R0J226M160AC	TDK
2	C22-23	47uF	CAP CER 22UF 6.3V 20% X7R 1206	1206	std	TDK
1	C32	22nF	Capacitor, Ceramic, 50V, X7R, 10%	603	22nF	Std
2	C30 C33	0.1uF	Capacitor, Ceramic, 50V, X7R, 15%	603	0.1uF	Std
1	C35	0.1uF	Capacitor, Ceramic, 50V, NPO, 10%	603	0.1uF	Std
1	C31	NA	Capacitor, Ceramic, 50V, NPO, 10%	603	NA	std
2	C1 C4	50V 10uF	CAP CER 10UF 50V X7R 20% 1210	1210	C3225X7R1H106M250AC	TDK
2	C7-8	6.3V 47uF	CAP CER 47UF 6.3V 10% X7R 1210	1210	GRM32ER70J476KE20L	Murata
1	C5	0.01uF	CAP, CERM, 0.01uF, 50V, +/-5%, X7R, 0603	603	0.01uF	std
1	C14	3300pF	CAP, CERM, 3300pF, 50V, +/-10%, X7R, 0603	603	3300pF	std
4	C13 C25-27	1uF	CAP, CERM, 1uF, 25V, +/-10%, X7R, 0603	603	1uF	std
1	C28	4.7uF	CAP, CERM, 1uF, 6.3V, +/-10%, X7R, 0603	603	1uF	std
3	C2 C19 C24	0.047uF	CAP, CERM, 0.047uF, 50V, +/-10%, X7R, 0603	603	0.047uF	Std
6	R6-7 R12 R14 R19-20	0	RES, 0 ohm, 5%, 0.1W, 0603	603	0	Std
1	R2	0	RES, 100k ohm, 1%, 0.1W, 0603	603	0	Std
1	R21	100k	RES, 100k ohm, 1%, 0.1W, 0603	603	100k	Std
2	R4 R9	NC	RES, 100k ohm, 1%, 0.1W, 0603	603	NC	Std
3	R22 R24-25	10.0k	RES, 10.0k ohm, 1%, 0.1W, 0603	603	10.0k	Std
1	R13	10k	RES, 10.0k ohm, 1%, 0.1W, 0603	603	8.66k	Std
1	R27	910	RES, 10.0k ohm, 1%, 0.1W, 0603	603	910	Std
1	R26	15.0k	RES, 20.0k ohm, 1%, 0.1W, 0603	603	15.0k	Std
1	R8	20.0k	RES, 20.0k ohm, 1%, 0.1W, 0603	603	20.0k	Std
1	R11	10k	RES, 10k ohm, 1%, 0.1W, 0603	603	39k	Std
1	R1	39k	RES, 36.5k ohm, 1%, 0.1W, 0603	603	10k	Std
1	R18	8.66k	RES, 4.99k ohm, 1%, 0.1W, 0603	603	10k	Std
1	R5	8.66k	RES, 8.66k ohm, 1%, 0.1W, 0603	603	8.66k	Std
1	D2	SS5P6-M3/86A	DIODE SCHOTTKY 60V 5A TO277A	TO277A	SS5P6-M3/86A	Vishay
6	J1-5 J7	ED555/2DS	Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH		ED555/2DS	On Shore Technology Inc
3	C6 C17-18	10uF	CAP CER 10UF 6.3V 10% X7R 1206	1206	C3216X7R0J106K085AB	TDK
1	L5	10uH	Inductor, SMT, 4.7A, 9.4 milliohms	8.9mm*8.9mm	IHLP3232CZER10R0MA1	Vishay
1	R23	10k	Resistor, Chip, 1/16-W, 1%	603	10k	Std
1	R30	14.7K	Resistor, Chip, 1/16-W, 1%	603	14.7K	Std
1	R33	18K	Resistor, Chip, 1/16-W, 1%	603	18K	Std

1	R32	2K	Resistor, Chip, 1/16-W, 1%	603	2K	Std
1	R28	51k	Resistor, Chip, 1/16-W, 1%	603	40.2k	Std
1	R31	470K	Resistor, Chip, 1/16-W, 1%	603	470K	Std
1	R29	49.9	Resistor, Chip, 1%, 0603	603	49.9	Std
1	R3	39.0k	RES, 39.0k ohm, 1%, 0.1W, 0603	603	39.0k	Std
1	U2	TPS54340-Q1	IC, 3A, 28V INPUT, STEP DOWN SWIFT DC/DC CONVERTER WITH ECO-MODE	SO-8	TPS54340-Q1	TI
1	U1	TPS65262	TPS65262 4.5V to 18V Input Voltage, 3A/1A/1A Output Current Triple Synchronous Step-Down Converter with Dual Adjustable 200mA/100mA LDOs, RHB0032E	QFN	TPS65262	TI

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