

Variant: None
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PMP41134 REV A Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	PCB1	1		PMP41134	Any	Printed Circuit Board	
2	C1, C4, C7, C10	4	100pF	CC0402JRNPO9BN101	Yageo America	CAP, CERM, 100 pF, 50 V, +/- 5%, C0G/NP0, 0402	0402
3	C2, C8	2	4.7uF	GRM188Z71C475KE21D	MuRata	CAP, CERM, 4.7 uF, 16 V,+/- 10%, X7R, 0603	0603
4	C3, C9	2	0.1uF	CGA2B3X7R1E104K050BB	TDK	CAP, CERM, 0.1 uF, 25 V,+/- 10%, X7R, AEC-Q200 Grade 1, 0402	0402
5	C5, C11	2	4.7uF	GRM31CC72A475KE11L	Murata	4.7uF ±10% 100V Ceramic Capacitor X7S 1206 (3216 Metric)	1206
6	C6, C12	2	0.1uF	GRM155R62A104KE14D	MuRata	CAP, CERM, 0.1 uF, 100 V, +/- 10%, X5R, 0402	0402
7	D1, D2, D3, D4	4	30V	B130AF-13	Diodes Inc.	Diode, Schottky, 30 V, 1 A, SMAF	SMAF
8	J1	1		850-40-006-20-001000	Mill-Max	Header, 1.27 mm, 6x1, Tin, R/A, TH	Header, 50mil, 6x1, R/A, TH
9	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11, Q12, Q13, Q14, Q15, Q16	16		BSC023N08NS5SCATMA1	Infineon	N-Channel 80 V 202A (Tc) 188W (Tc) Surface Mount PG-WSON-8-2	WSON8
10	R1, R2, R4, R6	4	100	RC0603FR-07100RL	Yageo	RES, 100, 1%, 0.1 W, 0603	0603
11	R3, R5, R35, R44	4	10.0k	ERJ-2RKF1002X	Panasonic	RES, 10.0 k, 1%, 0.1 W, 0402	0402
12	R7, R8, R17, R18	4	2	CRCW12062R00JNEA	Vishay-Dale	RES, 2.0, 5%, 0.25 W, AEC-Q200 Grade 0, 1206	1206
13	R9, R10, R15, R16	4	1.1	CRCW12061R10JNEA	Vishay-Dale	RES, 1.1, 5%, 0.25 W, AEC-Q200 Grade 0, 1206	1206
14	U1, U2	2		UCC27301A-Q1	Texas Instruments	Automotive 120V, 3.7A/4.5A Half-Bridge Driver with 8V UVLO, Interlock and Enable	SOIC8