						PMP4442		
Item	Qty	Reference	Туре	Part Name	MER	Value	Package	Description
I CCIII					STD	NA	603	-
1		C1, C2, C23, C42, C43, C50, C52, C54	Ceramic Capcitor					CAP, CERM, NA, +/-10%, X7R
2		C3, C4, C14, C17, C24, C27, C31, C36, C3 C5, C6, C7	Ceramic Capcitor Ceramic Capcitor		STD STD	0. 1uF, 25V 4. 7uF, 50V	603 1210	CAP, CERM, 0. 1uF, 25V, +/-10%, X7R CAP, CERM, 4. 7uF, 50V, +/-10%, X7R
3		C8			STD	4. 7uF, 50V 0. 1uF, 50V	603	
4		C9, C10, C11, C15, C16, C28	Ceramic Capcitor		STD	0. 1uF, 50V 47uF, 6, 3V	1210	CAP, CERM, 0. 1uF, 50V, +/-10%, X7R CAP, CERM, 47uF, 6. 3V, +/-10%, X7R
6			Ceramic Capcitor		STD	10uF, 6. 3V	1210	CAP, CERM, 47th, 6. 3v, +/-10%, X7R CAP, CERM, 10uF, 10V, +/-10%, X7R
7		C18	Ceramic Capcitor Ceramic Capcitor		STD	47pF, 50V	603	CAP, CERM, 10UF, 10V, +/-10%, X/R CAP, CERM, 47pF, 25V, +/-10%, X/R
8		C19	Ceramic Capcitor		STD	560pF, 25V	603	
9		C19 C20, C33	Ceramic Capcitor		STD	18pF, 50V	603	CAP, CERM, 560pF, 25V, +/-10%, X7R CAP, CERM, 18pF, 25V, +/-10%, X7R
10		C20, C33	Ceramic Capcitor		STD	6, 8nF, 25V	603	CAP, CERM, 18pr, 25v, +/-10%, X7R
11		C22	Ceramic Capcitor		STD	470pF, 25V	603	CAP, CERM, 470pF, 25V, +/-10%, X7R
12		C22 C29, C30	Ceramic Capcitor		STD	22uF, 10V	1210	CAP, CERN, 470PF, 25V, +/-10%, X7R CAP, CERN, 22uF, 10V, +/-10%, X7R
13		C32	Ceramic Capcitor		STD	10nF, 50V	603	CAP, CERM, 122tr, 10v, +/-10%, A7R
14		C34	Ceramic Capcitor		STD	1nF, 25V	603	CAP, CERM, 10111, 304, 17 10%, X7R
15		C40	Ceramic Capcitor		STD	0, 47uF, 50V	805	CAP, CERM, 1117, 25V, +/-10%, X/R
16		C45, C46, C47, C48			STD	22uF, 10V	1206	CAP, CERM, 0. 47 dr, 50V, +/-10%, X7R
17		C51, C53, C55	Ceramic Capcitor		STD	1nF, 50V	603	CAP, CERM, 1nF, 50V, +/-10%, X7R
18		R1, R2, R18, R31, R32	Resistor	STD	STD	NA	1206	Resistor, Chip, 1/4W, 1%
19		R3, R4, R20, R40, R41	Resistor	STD	STD	51R	603	Resistor, Chip, 1/4m, 1% Resistor, Chip, 1/10W, 1%
20		R5	Resistor	STD	STD	10R	603	Resistor, Chip, 1/10W, 1%
21		R6	Resistor	STD	STD	180k	603	Resistor, Chip, 1/10W, 1%
22		R7	Resistor	STD	STD	36k	603	Resistor, Chip, 1/10W, 1%
23			Resistor	STD	STD	51k	603	Resistor, Chip, 1/10W, 1%
24		R9, R13, R22, R23, R42, R43, R44,	Resistor	STD	STD	20k	603	Resistor, Chip. 1/10W, 1%
25		R11	Resistor	STD	STD	91k	603	Resistor, Chip, 1/10W, 1%
26		R12	Resistor	STD	STD	200k	603	Resistor, Chip, 1/10W, 1%
27		R14, R25, R35, R37	Resistor	STD	STD	10k	603	Resistor, Chip. 1/10W, 1%
28		R15, R26, R38	Resistor	STD	STD	270k	603	Resistor, Chip. 1/10W, 1%
29		R16, R24	Resistor	STD	STD	82k	603	Resistor, Chip. 1/10W, 1%
30	2	R17, R33	Resistor	STD	STD	30k	603	Resistor, Chip. 1/10W, 1%
31	1	R19	Resistor	STD	STD	24k	603	Resistor, Chip, 1/10W, 1%
32	1	R21	Resistor	STD	STD	7. 5k	603	Resistor, Chip, 1/10W, 1%
33	2	R27, R28	Resistor	STD	STD	15k	603	Resistor, Chip, 1/10W, 1%
34	1	R33	Resistor	STD	STD	31k	603	Resistor, Chip, 1/10W, 1%
35	1	R34	Resistor	STD	STD	12k	603	Resistor, Chip, 1/10W, 1%
36	1	R36	Resistor	STD	STD	300k	603	Resistor, Chip, 1/10W, 1%
37	1	R39	Resistor	STD	STD	100k	603	Resistor, Chip, 1/10W, 1%
38		R45	Resistor	STD	STD	1k	603	Resistor, Chip, 1/10W, 1%
39		R46	Resistor	STD	STD	120k	603	Resistor, Chip, 1/10W, 1%
40		R48	Resistor	STD	STD	240k	603	Resistor, Chip, 1/10W, 1%
41		R49, R51, R53	Resistor	STD	STD	4.7K	603	Resistor, Chip, 1/10W, 1%
42		R50, R52, R54	Resistor	STD	STD	NA	603	Resistor, Chip, 1/10W, 1%
43		U1	Converter		TI		QFN-16	2.95Vto6V, 3A output, 2MHz, Synchronous Step-down Switcher with Intergrated FETs
44		U2	Converter		TI		SOIC-8	4.5Vto42V, 5A, Step-down DC-DC Converter with Eco-mode
45		. U3	Converter	TPS57114			QFN-16	2.95Vto6V,4A output,2MHz, Synchronous Step-down Switcher with Intergrated FETs
46		U4	LD0		TI		S0T23-5	200mA, Low Dropout Regulator
47		U5	Converter	LM26420X			QFN-16	Dual2.OA High Frequency Step-down DC-DC Regulator
48		D1	Diode	PDS760	Diodes	7A, 60V		7A Schottky Barrier Rectifier
49		L1	Inductor		Wurth Elektronik		7040	Rated Current9A, Saturation Current13A
50		L2	Inductor		Wurth Elektronik		7030	Rated Current11A, Saturation Current13A
51		L3	Inductor		Wurth Elektronik		7030	Rated Current11A, Saturation Current13A
52		L4	Inductor		Wurth Elektronik		7030	Rated Current7.5A, Saturation Current12.0A
53	1	L5	Inductor	744310200	Wurth Elektronik	2. 0uH	7030	Rated Current6. 5A, Saturation Current9. 0A

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