Filename: PMP41006_V5.1(001)_TI-BOM.xIs
Variant: 001
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ChangeMe in variant

ChangeMe in variant								
Designator		Value	Description	PackageReference	PartNumber PMP41006	Manufacturer	#Column Name Error:A	Alternate Manufacturer
!PCB1 Brd3	1		Printed Circuit Board Current sense board		PMP41006	Any		
Brd4 Brd5	1		ECAP Board GaN daughter card with LMG3410R070	eg: 0603	LMG3410-HB-EVM	TEXAS INSTRUMENTS		
C1	1	47pF	CAP, CERM, 47 pF, X1 250 VAC/Y1 300 VAC, +/-	TH, 2- Leads, Body	DE11XKX470JN4AC05	MuRata		
			10%, B, TH	7x5mm, Pin Spacing 7.5mm	F			
C2	1	0.01uF	CAP, CERM, 0.01 uF, 630 V, +/- 10%, X7R, 1206	1206	GRM31BR72J103KW01	MuRata		
C3	1	0.1uF	CAP, CERM, 0.1 uF, 500 V, +/- 10%, X7R,		L C1210V104KCRACTU	Kemet		
C4	1	33uF	CAP, CERM, 33 uF, 25 V, +/- 20%, X5R, 1206	1206	C3216X5R1E336M160	TDK		
C5	1	220uF	CAP, AL, 220 uF, 25V, +/- 20%, 6.3x7.7mm, SMD	6.3x7.7mm	AC EEE-FTE221XAV	Panasonic		
C6	1	470uF	CAP, AL, 470 uF, 10 V, +/- 20%, 6.3x7.7mm, SMD	D6.3x7.7	EEE-FTA471XAP	Panasonic		
C7	1	0.1uF	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X7R, 0603	0603	GCJ188R71E104KA12 D	MuRata		
C8	1	47uF	CAP, CERM, 47 uF, 25 V, +/- 20%, JB, 1206	1206	C3216JB1E476M160A	TDK		
C11, C14,	10	0.1uF	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X7R, 0603	0603	C1608X7R1E104K080A	TDK		
C23, C24, C36, C97,					A			
C98, C105,								
C107, C112 C12, C40	2	4.7uF	CAP, CERM, 4.7 uF, 25 V, +/- 10%, X5R, 0603	0603	GRM188R61E475KE11	MuRata		
		20	CAR OF DAY OF AN VIVIANOV VER COOR	0000	D CACCONYEDA A COCMODO	TDV		
C13, C37	2	22uF	CAP, CERM, 22 uF, 10 V, +/- 20%, X5R, 0603	0603	C1608X5R1A226M080 AC	TDK		
C17, C20 C18, C25,	5	2200pF 470pF	CAP, CERM, 2200 pF, 50 V, +/- 10%, X7R, 0603 CAP, CERM, 470 pF, 50 V, +/- 10%, X7R, 0603	0603 0603	C0603C222K5RACTU C0603C471K5RACTU	Kemet KEMET		
C28, C29,	3	47001	OAI , GERM, 470 pi , 30 V, 47- 1076, X7R, 0003	0003	C0003C47 INSKACTO	KEWE		
C35 C19, C22,	9	1uF	CAP, CERM, 1uF, 25V, +/-10%, X7R, 0603	0603	C1608X7R1E105K080A	TDK		
C26, C27,	Ü		074 ; 02144, 184 ; 201; 17 1070; 7414, 0000		В			
C31, C38, C39, C50,								
C96		0.047	OAD OEDM 0.047 vE 05 V v/ 400/ V7D 0000	0000	CC0603KRX7R9BB473	AVO		
C21 C30, C32	2	0.047uF 0.01uF	CAP, CERM, 0.047 uF, 25 V, +/- 10%, X7R, 0603 CAP, CERM, 0.01 uF, 50 V, +/- 10%, X7R, 0603	0603 0603	GCJ188R71H103KA01	MuRata		
C33, C99	2	0.1uF	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	0603	D C1608X7R1H104K080A	TDK		
	2				A	TDK		
C34 C41, C43,	4	100pF 1500pF	CAP, CERM, 100 pF, 25 V, +/- 10%, X7R, 0603 CAP, CERM, 1500 pF, V, +/- 20%, E, D8xT6mm	0603 D8xT6mm	CL10B101KB8NNNC CD45-E2GA152M-NKA	Samsung TDK		
C47, C49		·	•					
C42, C48	2	330pF	CAP, CERM, 330 pF, X1 250 VAC/Y2 300 VAC, +/- 10%, B, TH	TH, 2- Leads, Body 7x5mm, Pin Spacing	DE2B3KY331KB3BU02 F	MuRata		
044		0.00 5		7.5mm	00000400500700	W 4 51 1 2		
C44 C45	1	0.22uF 1.5uF	CAP, Film, 0.22 uF, 275 V, +/- 10%, TH CAP, Film, 1.5 uF, 275 V, +/- 10%, TH	18x6x11.5mm 26x10mm	890324025027CS 890324026030	Wurth Elektronik Wurth Elektronik		
C51	1	0.56uF	CAP, Film, 0.56 uF, 275V, +/- 10%, TH	26x6mm	890324026018CS	Wurth Elektronik		
C52, C88, C89	3	1000pF	CAP, CERM, 1000 pF, 50 V, +/- 10%, X7R, 0603	0603	GCJ188R71H102KA01 D	MuRata		
C53, C60 C54, C62,	7	10uF 1uF	CAP, CERM, 10 uF, 25 V, +/- 10%, X7R, 1206_190 CAP, CERM, 1 uF, 10 V, +/- 10%, X5R, 0402	1206_190 0402	C1206C106K3RACTU GRM155R61A105KE15	Kemet		
C65, C68,	,	lur	CAP, CERM, 1 up, 10 V, +/- 10%, X5R, 0402	0402	D D	iviukata		
C72, C77, C78								
C55, C59	2	33nF	CAP, Film, 33nF, 630 V, +/- 5%, TH	18x6x11mm	B32642B6333J	TDK		
C56 C57, C58	2	470nF 3300uF	0.47 μF Film Capacitor 310V CAP, AL, 3300 uF, 16 V, +/- 20%, 0.023 ohm, TH	RADIAL D13xL30mm	ECWFD2J105 860160378040	PANASONIC [Panasonic Ser Würth Elektronik	niconductor]	
C63, C66,	5	0.1uF	CAP, CERM, 0.1 uF, 50 V, +/- 20%, X7R, 0402	0402	GRM155R71H104ME14			
C73, C74, C79					D			
C64, C69,	8	100pF	CAP, CERM, 100 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603	C0603C101J5GAC	Kemet		
C70, C71, C75, C80,								
C81, C82 C67, C76	2	0.33uF	CAP, CERM, 0.33 uF, 50 V, +/- 10%, X7R, 0603	0603	C1608X7R1H334K080A	TDK		
					С			
C83, C84, C85	3	0.1uF	CAP, CERM, 0.1 uF, 630 V, +/- 10%, X7R, 1210	1210	C1210C104KBRAC780 0	Kemet		
C86	1	680uF	CAP, AL, 680 μF, 450 V, +/- 20%, TH	Dia 35mm	450MXK680MEFCSN35	Rubycon		
C87, C91,	3	10uF	CAP, CERM, 10 uF, 25 V, +/- 10%, X5R, 0805	0805	X45 GRM21BR61E106MA73	MuRata		
C92 C90, C93	2	0.1uF	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X7R, 0603	0603	L 885012206071	Wurth Elektronik		
C90, C93	1	0.01uF	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X7R, 0603	0603	GRM188R71E103KA01	MuRata		
C95	1	0.1uF	CAP, CERM, 0.1 uF, 25 V, +/- 5%, X7R, 0603	0603	D C0603C104J3RAC	Kemet		
C100	1	1uF	CAP, CERM, 1 uF, 25 V, +/- 10%, X7R, 0603	0603	C1608X7R1E105K080A			
C103	1	39nF	CAP, CERM, 39nF, 25 V, +/- 10%, NP0, 0603	0603	A	TDK		
C108	1	1uF	CAP, CERM, 1 uF, 16 V, +/- 20%, X7R, AEC-Q200 Grade 1, 0603	0603	GCM188R71C105MA64	MuRata		
C110	1	0.01uF	CAP, CERM, 0.01 uF, 50 V, +/- 10%, X7R, 0603	0603	GRM188R71H103KA01	MuRata		
C114,	3	1uF	Capacitor 1uF 10% 25V 0603 X7R		D GCJ188R71E105KA01	Murata		
C115, C117					D			
C116	1	10nF	Capacitor 10nF 10% 25V 0603 X7R		GCD188R71H103KA01 D	Murata		
C118	1	150pF	Capacitor 150pF 5% 100V 0603 X7R		GCM1885C2A151JA16	Murata		
C119	1	10pF	Capacitor 10pF 10% 25V 0402 X7R		GCM1555C1H100JA16	Murata		
CST1	1		Current Sense Transformer, 5mH,0.7ohm, 10A, 50:1,	none	D 75004600	Wurth Elktronics		
CY2, CY3	2	2200pF	CAP, CERM, 2200 pF, 3000 V,+/- 10%, B, Dia 12.5mm		CK45-B3FD222KYVNA	TDK		
CY4	1	100pF	CAP, CERM, 100 pF, X1 440 VAC/Y1 250 VAC, +/-	D6xT4mm	DE1B3RA101KN4AN01	MuRata		
		·	10%, B, D6xT4mm		F			
D1 D2, D14	2	100V 600V	Diode, Schottky, 100 V, 1 A, SMA Diode, Superfast Rectifier, 600 V, 1 A, 3.5x1.6mm	SMA 3.5x1.6mm	B1100-13-F CRF03	Diodes Inc. Toshiba		
D3	1	24V	Diode, Zener, 24 V, 1 W, PowerDI123	PowerDI123	DFLZ24-7	Diodes Inc.		

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer	#Column Nama Error: A	Alternate Manufacturer
Designator D4	Quantity 1	70V	Diode, Schottky, 70 V, 1 A, SMA	SMA	B170-13-F	Diodes Inc.	#Column Name Error:A	Alternate Manufacturer
D5, D9,	8	100V	Diode, Ultrafast, 100 V, 0.25 A, SOD-323	SOD-323	BAS316	Toshiba		
D11, D13,								
D15, D16,								
D17, D18								
D6	1	18V	Diode, Zener, 18 V, 700 mW, SOD-123	SOD-123	CRZ18(TE85L,Q,M)	Toshiba		
D7	11	50V	Diode, Schottky, 50 V, 2 A, SMA	SMA	B250A-13-F	Diodes Inc.		
D8	1	100V	Diode, Switching, 100 V, 0.25 A, SOD-523	SOD-523	BAS516	Toshiba		
D10	1	1000V	Diode, Ultrafast, 1000 V, 1 A, SMA	SMA	US1M-13-F	Diodes Inc.		
D12	1 1	800V	Diode, Switching-Bridge, 800 V, 4 A, TH	GBU	GBU4K	Micro Commercial Co		
F1 FAN1	1		FUSE CERAMIC 12A 600VAC/500VDC Header, 100mil, 4x1, Gold, TH	21x5.6mm 4x1 Header	0ADKP9120-RE TSW-104-07-G-S	Bel Fuse Inc. Samtec		
H1, H2, H3,	4		MACHINE SCREW PAN PHILLIPS M3	M3 Screw	RM3X8MM 2701	APM HEXSEAL		
H4	-		WACHINE SCREW FAIN FILLEIFS WS	IVIS SCIEW	KIVISAOIVIIVI 2701	AFMITIEAGEAL		
HS2	1		Copper Heat Sink, TO-220 customized	Heat Sink, TO-220	Heatsink-PFC	Any		
	-			Vertical		,		
J1, J5	2		C2000 controlCARD-120HSEC connector, SMT	C2000 pin numbering	HSEC8-160-01-L-DV-A-	Samtec		
					BL			
J2	11		Header, 100mil, 12x2, Gold, TH	12x2 Header	TSW-112-07-G-D	Samtec		
J3	1		Receptacle, 12x2, 2.54mm, Gold, TH	Receptacle, 12x2,	SSW-112-01-G-D	Samtec		
				2.54mm, TH				
J4	1		Receptacle, 2.54mm, 14x2, Gold, TH	Receptacle, 2.54mm,	SSW-114-01-G-D	Samtec		
J6	1		Header, 100mil, 14x2, Gold, TH	14x2, TH 14x2 Header	TSW-114-07-G-D	Samtec		
J6 J7	1		Receptacle, 2.54mm, 6x1, Gold, TH	Receptacle, 2.54mm,		Molex		
37	'		Neceptacle, 2.54mm, 0x1, dold, 111	6x1, TH	0440120024	Wolex		
J8	1		CONN HEADER R/A 6POS 1.27MM	0.0.1, 111				
K1	1		Relay, SPST-NO (1 Form A), 10 A, 12 V, TH	18.2x10.2mm	T77S1D10-12	TE Connectivity		
L1, L2	2	10uH		2.5x1x2mm	74438323100	Würth Elektronik		
			SMD					
L3	1	2mH	Coupled inductor, 2x 2 mH, 10 A, 2 x 0.006 ohm, TH	23x17x25mm	7448031002	Wurth Elektronik		
L4	1	4mH	1000W COMMON MODE CHOKE	32x20mm	YXS80466T	YAXIN ELECTRONIC TECH		
L5	11		1000W RESONANT CHOKE	PQ2010	YXS50494T	YAXIN ELECTRONIC TECH		
L6	11	300uH	1000W PFC CHOKE	30x22x34mm	YXS70311T	YAXIN ELECTRONIC TECH		
Q1, Q2, Q3	3	60V	MOSFET, N-CH, 60V, 0.26A, SOT-23	SOT-23	T2N7002BK	Toshiba		
Q4, Q5	2	600	MOSFET, N-CH, 650 V, 38.8 A,	TO-220	TK39A60W	Toshiba		
Q6, Q7	2		P-Channel MOSFET	E3	SSM3J15CT	Toshiba		
Q8, Q9, Q10, Q11	4		N-Channel MOSFET		SSM3K15ACTC,L3F	Toshiba		
Q10, Q11	1	20V	MOSFET, N-CH, 20 V, 0.5 A, YJM0003A (PICOSTAR-	YJM0003A	CSD15380F3	Texas Instruments		
Q1Z	'	-5*	3)	JINIOUUA	555 100001 0	. SAGO ITION UTITOTICS		
R1	1	150k	RES, 150 k, 5%, 0.25 W, 1206	1206	RCV1206150KFKEA	Vishay-Dale		
R2	1	15	RES, 15, 5%, 0.1 W, AEC-Q200 Grade 0, 0603	0603	CRCW060315R0JNEA			
R3, R99	2	51.1k	RES, 51.1 k, 1%, 0.1 W, 0603	0603	RC0603FR-0751K1L	Yageo		
R4, R35,	3	0	RES, 0, 5%, 0.1 W, 0603	0603	RC0603JR-070RL	Yageo		
R36								
R5	1	24.0k	RES, 24.0 k, 1%, 0.1 W, 0603	0603	RC0603FR-0724KL	Yageo		
R6	1	2.00k	RES, 2.00 k, 1%, 0.1 W, 0603	0603	RC0603FR-072KL	Yageo		
R7, R44,	3	88.7k	RES, 88.7 k, 1%, 0.1 W, 0603	0603	CRCW060388K7FKEA	Vishay-Dale		
R98		00.41	DEG 00.41, 40/, 0.43// 0000	0000	00014100000014451454	VC 1 B 1		
R8, R45	<u>2</u> 4	22.1k	RES, 22.1 k, 1%, 0.1 W, 0603	0603	CRCW060322K1FKEA 100R			
R9, R11, R108, R116	4	100	RES, 100R, 1%, 0.1 W, 0603	0603	100K	Panasonic		
R10, R28,	7	1.00k	RES, 1.00 k, 1%, 0.1 W, 0603	0603	ERJ-3EKF1001V	Panasonic		
R96, R97,	,	1.00K	KES, 1.00 K, 178, 0.1 W, 0005	0003	LING-SEIN 1001V	Fallasoffic		
R101,								
R102, R106								
R12, R40,	3	20.0k	RES, 20.0 k, 1%, 0.1 W, 0603	0603	RC0603FR-0720KL	Yageo		
R43								
R13, R15,	4	5.10k	RES, 5.10 k, 1%, 0.1 W, 0603	0603	RC0603FR-075K1L	Yageo		
R17, R31								
R14, R29,	17	100	RES, 100, 1%, 0.1 W, 0603	0603	RC0603FR-07100RL	Yageo		
R30, R34,								
R46, R47,								
R48, R51,								
R70, R71, R72, R73,								
R72, R73, R76, R78,								
R70, R70, R79, R80,								
R81								
R16, R21,	11	10.0k	RES, 10.0 k, 1%, 0.1 W, 0603	0603	ERJ-3EKF1002V	Panasonic		
R22, R23,		1						
R64, R74,								
R75, R82,		1						
R91, R92,								
R126		40.0	DEC 40.0 40/ 0.4 W 0000	0000	DOGGOOFD 07/15	V		
R18, R88,	5	10.0	RES, 10.0, 1%, 0.1 W, 0603	0603	RC0603FR-0710RL	Yageo		
R94, R95,								
R103 R19	1	510	RES, 510, 1%, 0.1 W, 0603	0603	RC0603FR-07510RL	Yageo		
R20, R25	2	3.57k	RES, 3.57 k, 1%, 0.1 W, 0603	0603	RC0603FR-075T0RL RC0603FR-073K57L	Yageo		
R24, R26,	4	21.5k	RES, 21.5k ohm, 1%, 0.1W, 0603	0603	CRCW060321K5FKEA	Vishay-Dale		
R27, R41		<u> </u>	, , ,	<u> </u>		,	<u> </u>	
R32, R49,	5	9.31k	RES, 9.31 k, 1%, 0.1 W, 0603	0603	RC0603FR-079K31L	Yageo		
R50, R52,								
R53								
R33	11	1.35k	RES, 1.35 k, 0.1%, 0.1 W, 0603	0603	RT0603BRD071K35L	Yageo America		
R38	1	4.30k	RES, 4.30 k, 1%, 0.1 W, 0603	0603	RC0603FR-074K3L	Yageo		
R39	1	7.50k	RES, 7.50 k, 1%, 0.1 W, 0603	0603	ERJ-3EKF7501V	Panasonic		
R42	1	430k	RES, 430 k, 1%, 0.1 W, 0603	0603	RC0603FR-07430KL	Yageo		
R54, R55,	12	1.00Meg	RES SMD 1M OHM 1% 1/4W 1206	1206	RCV12061M00FKEA	Vishay Dale		
R56, R60,								
R61, R62,		1						
R83, R84,		1						
R86, R87, R89, R90								
R89, R90 R57, R58,	3	330k	RES SMD 330K OHM 1% 1/4W 1206	1206	RV1206FR-07330KL	Yageo		
R57, R58, R59	3	JJUK	INCO SIVID 330K OF IIVI 176 1/4VV 12U6	1200	11 1200 R-0/330KL	ageo		
R63	1	51.1	RES, 51.1, 1%, 0.1 W, 0603	0603	RC0603FR-0751R1L	Yageo		
R65, R66,	4	0.0005	RES, 0.0005, 1%, 2 W, 2512	2512	CSNL2512FTL500	Stackpole Electronics Inc		
R67, R68								
R69	1	2.00	RES, 2.00, 1%, 0.125 W, 0603	0603	MCT06030C2008FP500	Vishay/Beyschlag		
R85, R93	2	100k	RES, 100 k, 1%, 0.1 W, 0603	0603	RC0603FR-07100KL	Yageo		
R105,	4	3.00k	RES, 3.00 k, 1%, 0.1 W, 0603	0603	ERJ-3EKF3001V	Panasonic		
R110,		1						
R113, R118		l]	

Docianates	Quantity	Value	Docarintian	PackageReference	PartNumber	Manufacturor	#Column Name Error:A	Altornato Manufacturas
Designator R107,	Quantity 4	Value 10.00k	Description RES, 10.00 k, 1%, 0.1 W, 0603	0603	PartNumber ERJ-3EKF1002V	Manufacturer Panasonic	#Column Name Error:A	Alternate Manufacturer
R107, R109,	4	10.00K	NES, 10.00 K, 1%, 0.1 W, 0003	0003	ENJ-3ENF 1002V	r anasonic		
R115, R117								
R111, R114	2	1.00k	RES, 1.00 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603	CRCW06031K00FKEA	Vishav-Dale		
R112	1	4.00k	RES, 4 k, 1%, 0.1 W, 0603	1206	ERJ-3EKF4001V	Panasonic		
R119,	4	0	Resistor 0ohm 5% 0402		ERJ-2GE0R00X	Panasonic		
R122,								
R123, R125								
R120, R121	2	10k	Resistor 10k 5% 0402		ERJ-2GEJ103X	Panasonic		
R124	11	1.5k	Resistor 1.5k 5% 0603		ERJ-3EKF1501V	Panasonic		
RT1	1	50	ICL 60 OHM 13MM	PTCEL13R600LBE	PTCEL13R600LBE	Vishay		
RT2, RT4	2		Thermistor, TMP6131LPGM (TO-92S)	DEC0002A	TMP6131LPGM	Texas Instruments		
RV1	11		Varistor 275V RMS 10MM Radial, TH	10mm Radial	S10K275E2	EPCOS Inc		
SIL1, SIL2, SIL3, SIL4	4		Silcon Thermal Pad	12.7x19.05 mm	SP600-58	Bergquist Company		
T1	1		flyback transformer for UCC28911 dual output	TRF_8	750344367	Wurth Elektronik		
TP2, TP3, TP4	3		Pin Receptacle, .032046" .075" Dia, Gold, TH	Pin Receptacle	0312-0-15-15-34-27-10-	Mill-Max		
TRAN1	1		1000W MAIN TRANSFORMER	PQ3230	YXS61041T	YAXIN ELECTRONIC TECH		
U1	1		700V Flyback Switcher with Constant-Voltage Constant	D0007A	UCC28911DR	Texas Instruments		
0.	•		Current and Primary-side Regulation, D0007A (SOIC-	500077	00020011211	Toxas menamente		
U2, U6	2		4V to 36 V 0.6 A Synchronous Step-Down Converter,	DBV0006A	TPS560430XDBVR	Texas Instruments		
110			DBV0006A (SOT-23-6)	DD\/00054	INIA 400A 4IDDV			
U3	1		Low- and High-Side Measurement, Multichannel,	DBV0005A	INA180A4IDBV	Texas Instruments		
			Voltage Output, Current-Sense Amplifier, DBV0005A					
U4	1		(SOT-5) SINGLE-POLE DOUBLE-THROW ANALOG SWITCH,	DRY0006A	SN74LVC1G3157DRYR	Tayaa laatu maata		
			DRY0006A					
U5	1		Precision, Low Noise, Low Quiescent Current	D0008A	OPA2376AIDG4	Texas Instruments		
			Operational Amplifier, 2 to 5.5 V, -40 to 125 degC, 8-					
			pin SOIC (D0008A), Green (RoHS & no Sb/Br)	DIMOGRAD	10.077.400\4/0			
U7	1		5.7 kVrms, 100 Mbps, Reinforced 4-Channel 2/2 Digital Isolator, DW0016B (SOIC-16)	DW0016B	ISO7742DWR	Texas Instruments		
U8, U11	2		3 Pin 100mA Fixed 5V Positive Voltage Regulator,	PK0003A	UA78L05CPK	Texas Instruments		
00, 011	_		PK0003A (SOT-3)	11000071	CAT CECCO I	rexas monuments		
U9, U12	2		High Speed, Robust EMC Reinforced Dual-Channel	DWV0008A	ISO7721FDWVR	Texas Instruments		
,-			Digital Isolator, DWV0008A (SOIC-8)					
U10	1		Single 2-Input Positive-AND Gate, DBV0005A (SOT-23-	DBV0005A	SN74AHC1G08DBVR	Texas Instruments		
			5)					
U13	1		4-A, 6-A, 3.0-kVRMS Isolated Dual-Channel Gate	D0016A	UCC21222D	Texas Instruments		
			Driver, D0016A (SOIC-16)					
U14	1		TMCS1100A1DT, D0008A (SOIC-8)	D0008A	TMCS1100A1DT	Texas Instruments		
U15	1		Capacitor-Free, 150-mA, Low-Dropout Regulator with	DBV0005A	TLV71333PDBVT	Texas Instruments		
			Foldback Current Limit for Portable Devices, DBV0005A					
U16, U18	2			DBV0005A	OPA365	Texas Instruments		
010, 016	2		Output CMOS Operational Amplifier, DBV0005A (SOT-	DB V 0003A	OFA303	rexas iristruments		
			23-5)					
U17	1		High Bandwidth Low-lg Programmable Shunt	DBZ0003A	ATL431LIBIDBZR	Texas Instruments		
			Regulator, DBZ0003A (SOT-23-3)					
U19	1		Dual, 5A, High-Speed Low-Side Power MOSFET		UCC27525DSDR	Texas Instruments		
			Driver, DSD0008D (WSON-8)					
ZZ1	1		This Assembly Note is for PCB labels only					
ZZ2	1		These assemblies are ESD sensitive, ESD precautions					
			shall be observed.					
ZZ3	1		These assemblies must be clean and free from flux					
			and all contaminants. Use of no clean flux is not					
774			acceptable.					
ZZ4	1		These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise					
			specified.					
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Notes:

Unless otherwise noted in the Alternate PartNumber and/or Alternate Manufacturer columns, all parts may be substituted with equivalents.