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06_PMP4288_REVB BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr	AREA
1	C1	NA	Capacitor, Ceramic, vvV, [temp], [tol]	0805	GRM40yyyxxxKvv	muRata	
1	C2	1uF	Capacitor, X2, 0.47uF, +/-10%	0.335 X 1.004	ECQU2A474KL	Panasonic	
3	C3	1uF	Capacitor, X2, 0.47uF, 275VAC, +/-10%	0.236 X 0.591	ECQU2A474KL	Panasonic	
	C4	1uF	Capacitor, X2, 0.47uF, 275VAC, +/-10%	0.236 X 0.591	ECQU2A474KL	Panasonic	
	C5	1uF	Capacitor, Film, 0.47uF, 275VAC, +/-10%	0.236 X 0.591	ECQU2A474KL	Panasonic	
3	C7	NA	Capacitor, Ceramic, 3.3-nF, 50-V, X7R, 10%	0603	std	muRata	
2	C8	1000pF	Capacitor, Y2, 250WV, 1000pF, Y5U 20%	0.236 x 0.315	ECKNVS102MB	Panasonic	
	C9	1000pF	Capacitor, Y2, 250WV, 1000pF, Y5U 20%	0.236 x 0.315	ECKNVS102MB	Panasonic	
2	C10	2.2nF	Capacitor, Y2, 250WV, 1000pF, Y5U 20%	0.236 x 0.315	ECKNVS222MB	Panasonic	
	C11	2.2nF	Capacitor, Y2, 250WV, 1000pF, Y5U 20%	0.236 x 0.315	ECKNVS222MB	Panasonic	
1	C12	1u	Capacitor, Ceramic, 25V, [temp], [tol]	0603	std	muRata	
3	C13	1u	Capacitor, Ceramic, vvV, [temp], [tol]	0805	std	muRata	
	C14	1u	Capacitor, Ceramic, vvV, [temp], [tol]	0805	std	muRata	
1	C15	1500p	Capacitor, Ceramic, 50V, [temp], [tol]	0603	std	muRata	
1	C16	2.2u	Capacitor, Ceramic, 10V, [temp], [tol]	0805	std	muRata	
1	C18	0.22u	Capacitor, Ceramic, 25V, [temp], [tol]	0603	std	muRata	
1	C19	10n	Capacitor, Ceramic, 50V, [temp], [tol]	0603	std	muRata	
2	C21	2u2	Capacitor, Ceramic, vvV, [temp], [tol]	0805	std	muRata	
4	C22	0.1u	Capacitor, Ceramic, 3.3-nF, 50-V, X7R, 10%	0603	std	muRata	
	C23	0.1u	Capacitor, Ceramic, 3.3-nF, 50-V, X7R, 10%	0603	std	muRata	
	C24	0.1u	Capacitor, Ceramic, 3.3-nF, 50-V, X7R, 10%	0603	std	muRata	
2	C25	470uF	Capacitor, Aluminum, 250V, 20%	25mm	EETED2E471JJ	panasonic	
	C26	2u2	Capacitor, Ceramic, vvV, [temp], [tol]	0805	std	muRata	
	C28	NA	Capacitor, Ceramic, 3.3-nF, 50-V, X7R, 10%	0603	std	muRata	
	C29	0.1u	Capacitor, Ceramic, 3.3-nF, 50-V, X7R, 10%	0603	std	muRata	
	C30	470uF	Capacitor, Aluminum, 250V, 20%	25mm	EETED2E471JJ	panasonic	
1	C31	0.1u	Capacitor, Ceramic, Low Inductance, vvV, [temp], [tol]	0603	std	muRata	
3	C33	1n	Capacitor, Ceramic, 50V, [temp], [tol]	0603	std	muRata	
	C34	1n	Capacitor, Ceramic, 50V, [temp], [tol]	0603	std	muRata	
	C35	1n	Capacitor, Ceramic, 50V, [temp], [tol]	0603	std	muRata	
2	C36	22p	Capacitor, Ceramic, 50V, [temp], [tol]	0603	std	muRata	
	C37	22p	Capacitor, Ceramic, 50V, [temp], [tol]	0603	std	muRata	

	C38	NA	Capacitor, Ceramic, 3.3-nF, 50-V, X7R, 10%	0603	std	muRata
1	C40	22u	Capacitor, Aluminum Electrolytic, 25V	0.197 inch	xxxZLxxxxxxxxxxxx	Rubycon
4	C41	0.1uF	Capacitor, Ceramic, vvV, [temp], [tol]	1210	std	muRata
4	C42	NA	Capacitor, Ceramic, 630V, 220PF, 10%	1206	ECJ3FBf2J221K	Panasonic
2	C43	15nF/630V	Film capacitor, 630VDC, 47nF, +/-5%		ECWF6473JL	Panasonic
	C44	NA	Capacitor, Ceramic, 630V, 220PF, 10%	1206	ECJ3FBf2J221K	Panasonic
3	C45	1000uF	Capacitor, multi pattern, TH 0.080 to 0.200	0.571 inch	xxxZLxxxxxxxxxxxx	Rubycon
	C46	1000uF	Capacitor, multi pattern, TH 0.080 to 0.200	0.571 inch	xxxZLxxxxxxxxxxxx	Rubycon
2	C47	1uF	Capacitor, Ceramic, 1uF, 16V, X5R, ?0%	0805	std	Murata
	C50	15nF/630V	Film capacitor, 630VDC, 47nF, +/-5%		ECWF6473JL	Panasonic
	C51	NA	Capacitor, Ceramic, 630V, 220PF, 10%	1206	ECJ3FBf2J221K	Panasonic
2	C52	NA	Capacitor, Ceramic, 1uF, 16V, X5R, ?0%	0805	std	Murata
	C53	NA	Capacitor, Ceramic, 1uF, 16V, X5R, ?0%	0805	std	Murata
1	C54	1nF	Capacitor, Ceramic, Y1, 20%	0.394 X 0.315	ECKANA222ME	Panasonic
1	C55	0.1u	Capacitor, Ceramic, 25V, 1uF	0805	std	muRata
1	C56	100pF	Capacitor, Ceramic, Low Inductance, vvV, [temp], [t]	0603	std	muRata
1	C57	220pF	Capacitor, Ceramic, Low Inductance, vvV, [temp], [t]	0603	std	muRata
	C58	0.1uF	Capacitor, Ceramic, vvV, [temp], [tol]	1210	Std	muRata
1	C59	22nF	Capacitor, Ceramic, Low Inductance, vvV, [temp], [t]	0603	std	muRata
1	C60	47nF	Capacitor, Ceramic, Low Inductance, vvV, [temp], [t]	0603	std	muRata
	C61	1u	Capacitor, Ceramic, vvV, [temp], [tol]	0805	std	muRata
1	C62	1nF	Capacitor, Ceramic, Low Inductance, vvV, [temp], [t]	0603	std	muRata
1	C63	.1u	Capacitor, Ceramic, Low Inductance, vvV, [temp], [t]	0603	Std	muRata
2	C64	1uF	Capacitor, Ceramic, Low Inductance, vvV, [temp], [t]	0603	std	muRata
1	C65	NA	Capacitor, Ceramic, Low Inductance, vvV, [temp], [t]	0603	std	muRata
	C66	0.1uF	Capacitor, Ceramic, vvV, [temp], [tol]	1210	Std	muRata
2	C67	2.2u	Capacitor, Ceramic, 25V, 1uF	0805	Std	muRata
	C68	0.1uF	Capacitor, Ceramic, vvV, [temp], [tol]	1210	Std	muRata
2	C69	220uF	Capacitor, Aluminum, 35V, [temp], [tol]	0.315 inch	xxxZLxxxxxxxxxxxx	Rubycon
2	C70	330p	Capacitor, Ceramic, Low Inductance, vvV, [temp], [t]	0603	Std	muRata
	C71	330p	Capacitor, Ceramic, Low Inductance, vvV, [temp], [t]	0603	Std	muRata
	C72	220uF	Capacitor, Aluminum, 35V, [temp], [tol]	0.315 inch	xxxZLxxxxxxxxxxxx	Rubycon
	C73	2.2u	Capacitor, Ceramic, 25V, 1uF	0805	Std	muRata
	C74	1uF	Capacitor, Ceramic, Low Inductance, vvV, [temp], [t]	0603	Std	muRata
	C75	1000uF	Capacitor, multi pattern, TH 0.080 to 0.200	0.571 inch	xxxZLxxxxxxxxxxxx	Rubycon
1	C76	1u	Capacitor, Ceramic, Low Inductance, vvV, [temp], [t]	0603	Std	muRata
	C77	NA	Capacitor, Ceramic, 630V, 220PF, 10%	1206	ECJ3FBf2J221K	Panasonic

1	C78	1uF	Capacitor, Ceramic, 1uF, 16V, X5R, ?0%	0805	Std	Murata
	C79	1uF	Capacitor, Ceramic, 1uF, 16V, X5R, ?0%	0805	Std	Murata
1	C108	0.1uF	Capacitor, Ceramic, 250V, X7R, 15%	1206	Std	Murata
1	C111	330pF	Capacitor, Ceramic, 50-V, C0G, 5%	0603	Std	Murata
1	C113	0.1uF	Capacitor, Ceramic, 50-V, X7R, 15%	0603	Std	Murata
1	C114	470pF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	Murata
1	C115	1.0uF	Capacitor, Ceramic, 25-V, X7R, 15%	0805	Std	Murata
1	C116	0.01uF	Capacitor, Ceramic, 50-V, X7R, 15%	0603	Std	Murata
1	C117	470pF	Capacitor, Ceramic, 50V, C0G, 5%	0603	Std	Murata
2	D1	BAV99	Diode, Dual Ultra Fast, Series, 200-mA, 70-V	SOT23	BAV99	Fairchild
2	D2	8ETH06	Diode, Dual Ultrafast, 600V, 8A	TO-220AC	MUR860	On Semi
1	D3	MURS360	Diode, 3A, 600V	SMC	STD	STD
	D4	8ETH06	Diode, Dual Ultrafast, 600V, 8A	TO-220AC	MUR860	On Semi
	D5	BAV99	Diode, Dual Ultra Fast, Series, 200-mA, 70-V	SOT23	BAV99	Fairchild
1	D8	GBU8J	Diode, Bridge Rectifier, 8 A, 600V	0.880 x 0.140	GBU8J	Fairchild
9	D9	BAS16	Diode, Switching, 75V, 200mA	SOT23	BAS16LT1	On Semiconductor
7	D10	BAT54	Diode, Schottky, 200-mA, 30-V	SOT23	BAT54	Vishay-Liteon
	D11	BAT54	Diode, Schottky, 200-mA, 30-V	SOT23	BAT54	Vishay-Liteon
	D12	BAT54	Diode, Schottky, 200-mA, 30-V	SOT23	BAT54	Vishay-Liteon
	D13	BAS16	Diode, Switching, 75V, 200mA	SOT23	BAS16LT1	On Semiconductor
	D15	BAS16	Diode, Switching, 75V, 200mA	SOT23	BAS16LT1	On Semiconductor
3	D16	B2100	Diode, Schottky, 2-A, 100-V	SMB	B2100-13-F	Diodes Inc
2	D17	SMAJ160A	Diode, Transient Voltage Suppressor, 600W, xxV	DO-214AA	SMBJxxxA	Diodes
3	D18	20V	Diode, Zener, xxV, yy-mA	SOD-123	STD	STD
	D19	20V	Diode, Zener, xxV, yy-mA	SOD-123	STD	STD
	D20	20V	Diode, Zener, xxV, yy-mA	SOD-123	STD	STD
	D21	B2100	Diode, Schottky, 2-A, 100-V	SMB	B2100-13-F	Diodes Inc
2	D22	MURS160	Diode, Rectifier, 600V, 2A	DO-214AA	MURS260	Vishay
	D23	B2100	Diode, Schottky, 2-A, 100-V	SMB	B2100-13-F	Diodes Inc
2	D24	40CTQ150	Diode, Dual Schottky, 2x10A, 200V	TO-220AB	MBR20200CT	Fairchild
	D25	40CTQ150	Diode, Dual Schottky, 2x10A, 200V	TO-220AB	MBR20200CT	Fairchild
	D28	SMAJ160A	Diode, Transient Voltage Suppressor, 600W, xxV	DO-214AA	SMBJxxxA	Diodes
	D29	MURS160	Diode, Rectifier, 600V, 2A	DO-214AA	MURS260	Vishay
	D30	BAS16	Diode, Switching, 75V, 200mA	SOT23	BAS16LT1	On Semiconductor
	D31	BAS16	Diode, Switching, 75V, 200mA	SOT23	BAS16LT1	On Semiconductor
	D32	BAS16	Diode, Switching, 75V, 200mA	SOT23	BAS16LT1	On Semiconductor
1	D33	MURS160	Diode, Ultra Fast, 1A, 800V	SMA	STTH108A	STMicroelectronics

	D34	BAS16	Diode, Switching, 75V, 200mA	SOT23	BAS16LT1	On Semiconductor
	D35	BAT54	Diode, Schottky, 200-mA, 30-V	SOT23	BAT54	Vishay-Liteon
	D36	BAS16	Diode, Switching, 75V, 200mA	SOT23	BAS16LT1	On Semiconductor
	D37	BAS16	Diode, Switching, 75V, 200mA	SOT23	BAS16LT1	On Semiconductor
2	D40	NA	Diode, Switching, 75V, 200mA, SOT23	SOT23	BAS16LT1G	Onsemi
	D41	NA	Diode, Switching, 75V, 200mA, SOT23	SOT23	BAS16LT1G	Onsemi
	D42	BAT54	Diode, Schottky, 200-mA, 30-V	SOT23	BAT54	Vishay-Liteon
	D43	BAT54	Diode, Schottky, 200-mA, 30-V	SOT23	BAT54	Vishay-Liteon
	D44	BAT54	Diode, Schottky, 200-mA, 30-V	SOT23	BAT54	Vishay-Liteon
1	E1	I/P_L	Pad, TH	0.038 inch		Emulation Tech
1	E2	I/P_N	Pad, TH	0.038 inch		Emulation Tech
1	E3	Earth	Pad, TH	0.038 inch		Emulation Tech
1	E4	Vout+	Pad, TH	0.038 inch		Emulation Tech
1	E5	Vout-	Pad, TH	0.038 inch		Emulation Tech
1	F1	5A/250V	Fuse, TR5 Series, 4A, 250V	0.335	370 1400 041	Wickmann
1	G1	{Value}				
2	L2	1mH			P3215	Coilcraft
	L3	1mH			P3215	Coilcraft
1	L5	PF0638.331 (0.33u	Inductor, Coupled	0.284 x 0.284	PF046x-xxx	Pulse
1	L6	68uH	Resonant Inductor of LLC Converter		SRW20CQ-XX1V001	TDK
3	Q1	3904	Bipolar, NPN, xx-V, yy-mA, zz-W	SOT23	Std	fairchild
2	Q2	SPP20N60C3	MOSFET, N-ch, 500-V, yy-A, 260-milliOhms	T0-220V	CoolMOS	Infineon
5	Q3	3906	Bipolar, PNP, xx-V, yy-mA, zz-W	SOT23	Std	fairchild
	Q4	3904	Bipolar, NPN, xx-V, yy-mA, zz-W	SOT23	Std	fairchild
1	Q5	IRFBC40A	MOSFET, N-ch, xx-V, yy-A, zz-milliOhms	T0-220V	Std	IR
	Q6	3906	Bipolar, PNP, xx-V, yy-mA, zz-W	SOT23	Std	fairchild
2	Q7	SPP20N60C3	MOSFET, N-ch, xx-V, yy-A, zz-milliOhms	T0-220V	CoolMOS	Infineon
	Q8	SPP20N60C3	MOSFET, N-ch, 500-V, yy-A, 260-milliOhms	T0-220V	CoolMOS	Infineon
	Q9	3906	Bipolar, PNP, xx-V, yy-mA, zz-W	SOT23	Std	fairchild
	Q10	3906	Bipolar, PNP, xx-V, yy-mA, zz-W	SOT23	Std	fairchild
	Q11	SPP20N60C3	MOSFET, N-ch, xx-V, yy-A, zz-milliOhms	T0-220V	CoolMOS	Infineon
	Q12	3904	Bipolar, NPN, xx-V, yy-mA, zz-W	SOT23	Std	fairchild
	Q13	3906	Bipolar, PNP, xx-V, yy-mA, zz-W	SOT23	Std	fairchild
2	Q15	NA	MOSFET, N-ch, 55-V, 75-A, 8-milliOhms	T0-220V	IRL3705Z	Fairchild
	Q16	NA	MOSFET, N-ch, 55-V, 75-A, 8-milliOhms	T0-220V	IRL3705Z	Fairchild
16	R1	NA	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R2	10k	Resistor, Chip, 1k-Ohms, 1/16-W, yy%	0603	Std	Std

1	R3	0.015	Resistor, Chip, 1W, xx%	2512	WSL-2512-xx 1% R8	Std
11	R4	12k	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R5	NA	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R6	NA	Resistor, Chip, 1/16W, x%	0603	Std	Std
4	R7	680K	Resistor, Metal Film, 1/4 watt, ?5%	1206	Std	Std
	R8	NA	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R9	680K	Resistor, Metal Film, 1/4 watt, ?5%	1206	Std	Std
	R10	680K	Resistor, Metal Film, 1/4 watt, ?5%	1206	Std	Std
2	R11	30k	Resistor, Chip, 1/10W, yy%	0805	Std	Std
4	R12	1.2M	Resistor, Chip, 1/10W, yy%	0805	Std	Std
	R13	1.2M	Resistor, Chip, 1/10W, yy%	0805	Std	Std
2	R14	620K	Resistor, Chip, 1/10W, yy%	0805	Std	Std
1	R15	1.3M	Resistor, Chip, 1/10W, yy%	0805	Std	Std
	R16	12K	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R17	51k	Resistor, Chip, 1/16W, yy%	0603	Std	Std
1	R18	130k	Resistor, Chip, 1/16W, yy%	0603	Std	Std
2	R19	100	Resistor, Chip, 1/16-W, yy%	0603	Std	Std
1	R20	1.5M	Resistor, Chip, 1/10W, yy%	0805	Std	Std
1	R21	430k	Resistor, Chip, 1/10W, yy%	0805	Std	Std
1	R22	33k	Resistor, Chip, 1/16W, yy%	0603	Std	Std
1	R23	47k	Resistor, Chip, 1/16W, yy%	0603	Std	Std
	R24	1.2M	Resistor, Chip, 1/10W, yy%	0805	Std	Std
	R25	620K	Resistor, Chip, 1/10W, yy%	0805	Std	Std
	R26	100	Resistor, Chip, 1/16-W, yy%	0603	Std	Std
	R27	30k	Resistor, Chip, 1/10W, yy%	0805	Std	Std
1	R28	10K	Resistor, Chip, 1/16W, yy%	0603	Std	Std
1	R29	4.7k	Resistor, Chip, 1/16W, yy%	0603	Std	Std
	R30	1.2M	Resistor, Chip, 1/10W, yy%	0805	Std	Std
2	R31	680K	Resistor, Metal Film, 1/4 watt, 1%	1206	Std	Std
	R32	680K	Resistor, Metal Film, 1/4 watt, 1%	1206	Std	Std
2	R33	3.3K	Resistor, Chip, 1/16W, x%	0603	Std	Std
3	R34	1.0M	Resistor, Chip, 1/10W, 1%	0805	Std	Std
	R35	1.0M	Resistor, Chip, 1/10W, 1%	0805	Std	Std
1	R36	NA	Resistor, Chip, 1k-Ohms, 1/16-W, yy%	0603	Std	Std
1	R37	24K	Resistor, Chip, 1k-Ohms, 1/16-W, yy%	0603	Std	Std
3	R38	100K	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R39	1.0M	Resistor, Chip, 1/10W, 1%	0805	Std	Std

1	R40	NTC	Resistor, Chip, 1/16W, x%	0603	Std	Std
2	R41	11K	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R42	51	Resistor, Chip, 1/10W, 1%	0805	Std	Std
	R44	12K	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R45	5. 1K	Resistor, Chip, 1/16W, x%	0603	Std	Std
5	R46	0	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R47	22K	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R48	12K	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R49	3. 3K	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R50	510K	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R51	100k	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R52	1. 1M	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R55	12k	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R56	12k	Resistor, Chip, 1/16W, x%	0603	Std	Std
2	R57	220K	Resistor, Chip, 1/10W, 1%	0805	Std	Std
	R58	680K	Resistor, Metal Film, 1/4 watt, ?5%	1206	Std	Std
	R59	220K	Resistor, Chip, 1/10W, 1%	0805	Std	Std
1	R60	3	Resistor, TH, 2W, yy%	1210	Std	Std
	R61	NA	Resistor, Chip, 1/16W, x%	0603	Std	Std
2	R71	1. 1	Resistor, Chip, 10 Ohms, 1/10-W, 1%	0805	Std	Std
	R72	12K	Resistor, Chip, 1/16W, x%	0603	Std	Std
2	R74	NA	Resistor, Chip, 10 Ohms, 1/10-W, 1%	0805	Std	Std
	R75	NA	Resistor, Chip, 10 Ohms, 1/10-W, 1%	0805	Std	Std
2	R79	NA	Resistor, Chip, 51. 1k Ohms, ?%, 1/8W	0805	Std	Std
2	R80	NA	Resistor, Chip, 0 Ohms, ?%, 1/8W	0603	Std	Std
	R81	NA	Resistor, Chip, 51. 1k Ohms, ?%, 1/8W	0805	Std	Std
	R82	12k	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R84	12K	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R85	NA	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R86	NA	Resistor, Chip, 1/16W, x%	0603	Std	Std
3	R87	51	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R88	NA	Resistor, Chip, 0 Ohms, ?%, 1/8W	0603	Std	Std
2	R89	1K	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R90	NA	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R91	62K	Resistor, Chip, 1/10W, 1%	0805	Std	Std
	R92	12K	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R93	12k	Resistor, Chip, 1/10W, 1%	0805	Std	Std

	R94	100K	Resistor, Chip, 1/16W, x%	0603	Std	Std
2	R95	12	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R96	470	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R97	11K	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R98	0	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R99	27. 4K	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R100	3. 9k	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R101	3K	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R102	NA	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R103	0	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R104	1K	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R105	NA	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R106	2K	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R107	51	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R108	1k	Resistor, Metal Film, 1/4 watt, ?5%	1206	Std	Std
	R109	12k	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R110	12	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R111	2. 2	Resistor, Chip, 10 Ohms, 1/10-W, 1%	0805	Std	Std
	R112	0	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R113	NA	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R114	NA	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R115	0	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R116	10	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R117	5. 6	Resistor, Chip, 1/10W, 1%	0805	Std	Std
	R118	1. 1	Resistor, Chip, 10 Ohms, 1/10-W, 1%	0805	Std	Std
2	R119	100K	Resistor, Metal Film, 1/4 watt, ?5%	1206	Std	Std
	R120	NA	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R121	51	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R122	510	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R123	NA	Resistor, Chip, 1/16W, x%	0603	Std	Std
4	R124	2. 2	Resistor, Chip, 1/10W, yy%	0805	Std	Std
	R125	2. 2	Resistor, Chip, 1/10W, yy%	0805	Std	Std
2	R126	5. 6	Resistor, Chip, 1/10W, yy%	0805	Std	Std
	R127	5. 6	Resistor, Chip, 1/10W, yy%	0805	Std	Std
	R128	2. 2	Resistor, Chip, 1/10W, yy%	0805	Std	Std
	R129	2. 2	Resistor, Chip, 1/10W, yy%	0805	Std	Std
2	R130	12K	Resistor, Chip, 1/10W, yy%	0805	Std	Std

1	R131	49.9K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std
1	R132	100K	Resistor, Chip, 1/8W, 1%	1206	Std	Std
2	R133	NA	Resistor, Metal Film, 1/4 watt, ?5%	1206	Std	Std
	R134	NA	Resistor, Metal Film, 1/4 watt, ?5%	1206	Std	Std
1	R135	2.49K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std
1	R136	20.0K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std
	R137	100K	Resistor, Metal Film, 1/4 watt, ?5%	1206	Std	Std
1	R138	1K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R139	9.91K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std
1	R140	10.0K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R141	10.0K	Resistor, Chip, 1/16W, 0.1%	0603	Std	Std
	R142	NA	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R143	NA	Resistor, Chip, 1/16W, x%	0603	Std	Std
	R155	12K	Resistor, Chip, 1/10W, yy%	0805	Std	Std
3	RT2	S10K275	Varistor, 430Vv, Clamping Max.710V, 25A	0.472 x 0.213	SI0V-S10K275E2	Epcos
	RT3	S10K275	Varistor, 430Vv, Clamping Max.710V, 25A	0.472 x 0.213	SI0V-S10K275E2	Epcos
	RT4	S10K275	Varistor, 430Vv, Clamping Max.710V, 25A	0.472 x 0.213	SI0V-S10K275E2	Epcos
1	T1	SRW16ES	Transformer, 6W Flyback		SRW16ES	TDK
1	T2	1:01:01	Drive Transformer		56PR3353	Coilcraft
1	T3	SRW28LER2XXV013	Transformer, LLC Half Bridge, 530uH		SRW28LER2XXV013	TDK
	T3	PG0963NL-S01	Transformer, LLC Half Bridge, 530uH		PG0963NL-S01	Pulse
2	T4	PFC31EC501K03B01	PFC Inductor, 500uH		PFC31EC501K03B01	TDK
	T5	PFC31EC501K03B01	PFC Inductor, 500uH		PFC31EC501K03B01	TDK
1	T6	CT	Transformer, 3 Pri, 2Sec	0.284 x 0.330	PA1005.xxx	Pulse
1	U1	TLC339D	IC, LinCMOS Micropower Quad Comparator	S014	TLC339D	TI
1	U2	UCC28061D	IC, Interleave PFC Controller	S016	UCC28060D	TI
2	U6	NA	IC, SmartRectifier Control	S08	IR1167xSPbF	IR
	U7	NA	IC, SmartRectifier Control	S08	IR1167xSPbF	IR
1	U9	UCC25600D	IC, Resonant Mode Controller	S0-8	UCC25600D	TI
1	U11	TL431AIDBZ	IC, Precision Adjustable Shunt Regulator	SOT23-3	TL431AIDBZ	TI
2	U12	FOD817A	IC, Optocoupler, 70V, 80-160% CTR	SMT-4PDIP	FOD817A	Fairchild
	U15	FOD817A	IC, Optocoupler, 70V, 80-160% CTR	SMT-4PDIP	FOD817A	Fairchild
1	U23	UCC3813-2D	IC, BiCmos, Low Power Current Mode, PWM Controller	S08	UCC3813-2D	TI

Notes: 1. These assemblies are ESD sensitive, ESD precautions shall be observed.
2. These assemblies must be clean and free from flux and all contaminants.

Use of no clean flux is not acceptable.

3. These assemblies must comply with workmanship standards IPC-A-610 Class 2.
4. Ref designators marked with an asterisk ('**') cannot be substituted.

All other components can be substituted with equivalent MFG's components.

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