

PMP2808-1_REVA HITACHI 06/21/07						
Build using PMP2291_REVA PWB						
Count	RefDes	Value	Part Number	Description	Size	Mfr
2	C8	270pF	Std	Capacitor, Ceramic, 50V, X7R	603	TDK
	C9	270pF	Std	Capacitor, Ceramic, 50V, X7R	603	TDK
4	C4	.047uF	Std	Capacitor, Ceramic, 50V, X7R	603	TDK
	C5	.047uF	Std	Capacitor, Ceramic, 50V, X7R	603	TDK
	C10	.047uF	Std	Capacitor, Ceramic, 50V, X7R	603	TDK
	C11	.047uF	Std	Capacitor, Ceramic, 50V, X7R	603	TDK
1	C7	10uF	C2012X5R0J106K	Capacitor, Ceramic, 6.3V, X5R	805	TDK
1	C6	22uF	C3216X5R1A226K	Capacitor, Ceramic, 10V, X5R, 10%	1206	TDK
1	C3	22uF	C3216X7R1A106K	Capacitor, Ceramic, 10V, X7R, 10%	1206	TDK
1	C2	47uF	C3225X5R0J476K	Capacitor, Ceramic, 6.3V, X5R, 10%	1210	TDK
1	C1	100uF	C3225X5R0J107K	Capacitor, Ceramic, 6.3V, X5R, 10%	1210	TDK
2	D1	MBRS340T3	MBRS340T3	Diode, Schottky, 3-A, 40-V	SMC	On Semi
	D2	MBRS340T3	MBRS340T3	Diode, Schottky, 3-A, 40-V	SMC	On Semi
2	L1	6.5uH	NR10050T6R5M	Inductor, SMT, 6A, 18-milliohm	10 x 9.8	Taiyo Yuden
	L2	6.5uH	NR10050T6R5M	Inductor, SMT, 6A, 18-milliohm	10 x 9.8	Taiyo Yuden
2	R5	0	Std	Resistor, Chip, 1/16W, 1%	603	Std
	R6	0	Std	Resistor, Chip, 1/16W, 1%	603	Std
2	R7	2k	Std	Resistor, Chip, 1/16W, 1%	603	Std
	R8	2k	Std	Resistor, Chip, 1/16W, 1%	603	Std
1	R9	9.53k	Std	Resistor, Chip, 1/16W, 1%	603	Std
1	R3	30.1k	Std	Resistor, Chip, 1/16W, 1%	603	Std
1	R4	49.9k	Std	Resistor, Chip, 1/16W, 1%	603	Std
1	R10	80.6k	Std	Resistor, Chip, 1/16W, 1%	603	Std
2	R1	49.9	Std	Resistor, Chip, 1/16W, 1%	603	Std
	R2	49.9	Std	Resistor, Chip, 1/16W, 1%	603	Std
1	J1	ED1609	ED1609	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35	OST
1	J3	ED1609	ED1609	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35	OST
1	J2	ED1609	ED1609	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35	OST
6	TP3	RED	5010	Test Point, Red, Thru Hole	0.125 x 0.125 inch	Keystone
	TP6	RED	5010	Test Point, Red, Thru Hole	0.125 x 0.125 inch	Keystone
	TP4	RED	5010	Test Point, Red, Thru Hole	0.125 x 0.125 inch	Keystone
	TP5	RED	5010	Test Point, Red, Thru Hole	0.125 x 0.125 inch	Keystone
	TP9	RED	5010	Test Point, Red, Thru Hole	0.125 x 0.125 inch	Keystone
	TP10	RED	5010	Test Point, Red, Thru Hole	0.125 x 0.125 inch	Keystone
4	TP1	BLACK	5011	Test Point, Black, Thru Hole	0.125 x 0.125 inch	Keystone

	TP2	BLACK	5011	Test Point, Black, Thru Hole	0.125 x 0.125 inch	Keystone
	TP7	BLACK	5011	Test Point, Black, Thru Hole	0.125 x 0.125 inch	Keystone
	TP8	BLACK	5011	Test Point, Black, Thru Hole	0.125 x 0.125 inch	Keystone
1	U1	TPS54386PWP	TPS54386PWP	IC, 3-A Dual Non-Synchronous Converter With Integrated High Side FET	PWP14	TI
<b>Substitute Parts</b>						
2	L1	6.8uH	SLF12575-6R8	Inductor, SMT, 5.9A, 13.1-milliohm	10 x 9.8	Taiyo Yuden
	L2	6.8uH	SLF12575-6R8	Inductor, SMT, 5.9A, 13.1-milliohm	10 x 9.8	Taiyo Yuden

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Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265  
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