Number: PR780 Rev: A Date: July 30 2008

Bill of Materials

Count	RefDes	Value	Description	Size	Part Number	Mfr
3	C1, C12, C13	220pF	Capacitor, Ceramic, 50V, C0G, ±5%	0603	STD	STD
2	C2, C4	0.68uF	Capacitor, Ceramic, 16V, X5R, ±10%	0603	STD	STD
1	C3	47nF	Capacitor, Ceramic, 25V, X7R, ±10%	0603	STD	STD
2	C5, C7	470pF	Capacitor, Ceramic, 50V, C0G, ±5%	0603	STD	STD
5	C6, C8, C15, C16, C17	3.3nF	Capacitor, Ceramic, 50V, X7R, ±10%	0603	STD	STD
4	C9, C10, C11, C14	0.1uF	Capacitor, Ceramic, 25V, X7R, ±10%	0603	STD	STD
1	J1	PBC16SBAN	CONN, HEADER, .100, SINGL, R/A, 16POS	0.100 inch x 16	PBC36SBAN	Sullins
3	J2, J3, J5	PEC03SBAN	Header, Male 3-pin, 100mil spacing, (36-pin strip)	0.100 inch x 3	PEC36SBAN	Sullins
1	J4	PEC02SBAN	Header, Male 2-pin, 100mil spacing, (36-pin strip)	0.100 inch x 2	PEC36SBAN	Sullins
2	Q1, Q2	2N7002DICT	MOSFET, N-ch, 60-V, 115-mA, 1.2-Ohms	SOT23	2N7002DICT	Vishay- Liteon
1	R1	107k	Resistor, Chip, 1/16W, ±1%	0603	Std	Std
1	R10	40.2k	Resistor, Chip, 1/16W, ±1%	0603	Std	Std
1	R13	1M	Resistor, Chip, 1/16W, ±1%	0603	Std	Std
2	R19, R20	23.7	Resistor, Chip, 1/10W, ±1%	0805	Std	Std
7	R2, R11, R12, R15, R16, R17, R18	24.9k	Resistor, Chip, 1/16W, ±1%	0603	Std	Std
1	R3	150k	Resistor, Chip, 1/16W, ±1%	0603	Std	Std
2	R4, R14	4.32k	Resistor, Chip, 1/16W, ±1%	0603	Std	Std
1	R5	7.5k	Resistor, Chip, 1/16W, ±1%	0603	Std	Std
2	R6, R7	10k	Resistor, Chip, 1/16W, ±1%	0603	Std	Std
1	R8	31.6k	Resistor, Chip, 1/16W, ±1%	0603	Std	Std
1	R9	43.2k	Resistor, Chip, 1/16W, ±1%	0603	Std	Std
2	S1, S2	EG1257	SWITCH, SLIDE, SPDT, 0.3A SMD	0.102 x 0.303 inch	EG1257	E-Switch
1	U1	UCC28070PW	IC, Two- Phases Interleaved CCM PFC Controller	TSSOP-20	UCC28070PW	TI
1	U2	CD4093BPW	IC, QUAD, 2-Input NAND Schmitt Triggers	TSSOP-14	CD4093BPW	TI
1			PCB, 2.1 ln x 1.4 ln x 0.0625 ln		PR780	Any
4	Shunts	SPC02SYAN	CONN JUMPER SHORTING GOLD FLASH	0.100"	S9001	STD

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