



Title		
Size	Number	Revision
A4		
Date:	2017/6/26	Sheet of
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Bill of Materials

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Source Data From: **HPOWER.PrjPCB**
 Project: **HPOWER.PrjPCB**
 Variant: **None**

Creation Date: 2017/8/28 11:24:18
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Footprint	Comment	LibRef	Designator	Description	Quantity
0805	0.1uF/50V/0805	CAP	C200, C205, C206, C208, C210, C212, C301, C306	Capacitor, CT41G-0805-X7R-50V-104-K, Capacitor, Capacitor, Capacitor, Capacitor, CT41G-0805-X7R-50V-102, CT41G-0805-X7R-50V-102	8
0805	0.1uF/25V/0805	CAP	C201	CT41G-0805-X7R-50V-104-K	1
2010	1uF/25V/2010	Pro2C.Imp_104_A	C202		1
0805	1N50V/0805	CAP	C204, C207, C209, C404, C410, C416, C421	CT41G-0805-X7R-50V-102, CT41G-0805-X7R-50V-102, CT41G-0805-X7R-50V-102, CT41G-0805-X7R-50V-102, CT41G-0805-X7R-50V-102, CT41G-0805-X7R-50V-102, CT41G-0805-X7R-50V-102	7
0805	1u50V/0805	CAP	C211	Capacitor	1
MPPFN: 0.68uF/630V		Cap	C400	CAP-MP U68 J 630V MMKP82	1
MPPFN: 2.2uF/630		Cap	C401, C412	MPPFN225K06300	2
0805	10u50V/0805	Cap	C402, C403, C405, C413, C414, C420	CT41G-0805-X7R-50V-102	6
1210	4.7uF/50V/1210	Cap	C405	CT41G-0805-X7R-50V-102	1
0805	0.1uF	Cap	C406, C411, C415, C422	CT41G-0805-X7R-50V-102	4
0805	0.1u	Cap	C407, C418	CT41G-0805-X7R-50V-102	2
1210	22uF/50V/1210	Cap	C408, C419	CT41G-0805-X7R-50V-102	2
1210	4.7uF	Cap	C417	CT41G-0805-X7R-50V-102	1
RB.10/30	470uF 400V	ELECTRO1	C430, C450	400V-VXG-470-M-EFC5N30x50	2
1808	TVS/S/OCA	ZEN_1	D200		2
1808	TVS/16CA	ZEN_1	D201, D203, D204, D301		4
1808	TVS/16_OCA	ZEN_1	D202, D302		2
PMEG4010EA		D Schottky	D400, D401, D402, D403	Schottky Diode	4
EA					2
1N4148	1N4148/DO-35	ProEOE2.TMP_1N4148_8	D7400, D7401		2
SMDLED	SMDLED	ProE251.TMP_1_D_DO400			1
SMD-EC-	220uF/50V	Pro2C.tmp_100	E200		1
10X10.5	1000uF/10V	Pro2C.tmp_100	E201		1
SMD-EC-	10X10.5	0uF/25V_3			1
SMD-EC-	6.3x5.4	ELECTRO1	E203, E204		2
SMD-EC-	100uF/50V	ELECTRO1	E205		1
8X10	220uF/35V	ELECTRO1	E206		1
SMD-EC-	10X10.5	ELECTRO1	E207, E208		2
SMD-EC-	10X10.5	ELECTRO1			1
FUSE	FUSE	Fuse 2	F200	Fuse	1
SMDLED	SML-210VT	LED	HL201, HL202, HL203, HL204, HL205		5
COM2(S.08m	Header 2	Header 2	J104, J105, J300, J301, J302	Header, 2-Pin	5
m)					5
HDR1X4	Header 2X2	Header 2X2	J106	Header, 2-Pin, Dual row	1
1206	INDUCTOR	INDUCTOR	L201, L401, L403		3
AC_1			L114		2
SOT23	9014/SOT-23	Pro2B3.TMP_9014_1	L402, L402		1
HDR2X6	Header 6X2	Header 6X2	P101, P102	Header, 6-Pin, Dual row	2
PV02W	Plug	Plug	P400, P401, P402, P403	Plug	4
IPW60R041C8	IPW60R041C8	PMOS-2	Q400, Q401, Q402, Q403	P-Channel Power MOSFET	2
0805	2k/0805	Res2	R201, R204, R205		3
0805	2k/0805	Res2	R202, R203		2
0805	3k/0805	Res2	R301, R304	Resistor	2
1206	1R/1206	Res2	R400, R401, R406, R407	Resistor	4
1812	4.7R/1812	Res2	R402, R403, R408, R409	Resistor	4
1206	20K/1206	Res2	R404, R405, R410, R411	Resistor	4
0805	4.7R/0805	Res2	R412, R418	Resistor	2
0805	1u/0805	Res2, Res2, Res2, Res2, Pro2B3.TMP_50	R413, R416, R419, R422, R427	Resistor, Resistor, Resistor, Resistor, [NoValue]	5
0805	20k/0805	Res2	R414, R417, R420, R423, R428	Resistor	5
0805	2k	Res2	R415, R421	Resistor	2
0805	2.7k/0805	Pro2B3.TMP_50	R424		1
0805	10k/0805	ProE251.TMP_3	R425		1
1206	300R/1206	Pro2B3.TMP_50	R426		1
1812	M16 F 0.5W 1812	Res2	R450, R451, R452	RES-TFC M16 F 0.5W 1812	3
RX10W	12K/2W	Res2	RC300, RC301, RC302, RC303	Resistor	4
RX10W	9.1K/2W	Res2	RC304, RC306, RC307, RC308, RC309	Resistor	8
1812	470R/1812	Res2	RC310, RC314, RC315	Resistor	2
RELAY1	HF165F	ProEOE2.TMP_UnNamed_4	RE400, RE401		2
TP		TP1	TP203		1
DIC0E0.7	PK8E24A	ZEN	TV200		1
URB_YMD-6WR2	URB_YMD-6WR2	VOLTREG	U200		1
URB_YMD-24D15(6W)	URB_YMD-24D15(6W)	DC24D15(10W)	U201		1
URB_YMD-6WR2	URB_YMD-6WR2	VOLTREG	U202		1
URB_YMD-6WR2	URB_YMD-6WR2	VOLTREG	U203		1
URB_YMD-6WR2	URB_YMD-6WR2	LV25-P	U300	电压互感器	1
URB_YMD-6WR2	URB_YMD-6WR2	LV25-P	U302, U304		2
LAH50-P	LAH50-P	LAH50-P	U303, U400, U404		3
ISO-B	HCPL0601	HCPL0601	U401, U403, U405, U407	HCPL0601	3
RR213	RR213	RR213	U402, U406		2
TLP181	TLP521	NEC2705	U408		1
MURS360/S	TLP181/SOP-4	Diode 1N5407	VD200	3 Amp Medium Power Silicon Rectifier Diode	1
MC					1
MURS360/S	US1J	Diode 1N4148	VD400, VD401	High Conduction Fast Diode	2
MC					1
SOT-23	BZ64-C5V	D Zener	Z400, Z401, Z402, Z403	ZNR-C 2.8-3.2V BZ64C3V0	4
Approved					170
Notes					