

1: Falcon B PSU Revised: Friday, August 28, 2015

2: Revision: B

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10: Bill Of Materials August 28,2015 13:39:50 Page1

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12: Item Qty Reference Part PCB Footprint

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15: 1	5	J1,J2,J3,J5,ATP	SM_JUMP	
16: 2	2	C2,C1	100U	12.5mmRadial
17: 3	5	C3,C4,C5,C9,C17	6U8	1206
18: 4	5	C6,C25,C26,C27,C28	6U8	1210
19: 5	2	C7,C8	33P	0603
20: 6	5	C10,C15,C16,C19,C20	.1U	0603
21: 7	1	C11	1N0	0603
22: 8	1	C13	10P 500V	1206
23: 9	1	C23	330U	12mmSMT
24: 10	1	C24	.01U	0603
25: 11	1	DS1	LITEON3X7	DIP16
26: 12	2	D2,D1	MURS260	SMC
27: 13	2	D4,D3	FS1GE-TP	SMB
28: 14	2	D5,D6	BAV99	SOT23
29: 15	1	J4	SM_JUMP3	
30: 16	1	P1	2.1MM	
31: 17	1	P2	3.5MM	3.5MM RA
32: 18	1	P3	CON3	
33: 19	3	Q1,Q2,Q3	IRLM1902	
34: 20	1	Q4	IRFR3710	TO252
35: 21	1	Q5	2N4401	SOT23
36: 22	1	R1	1M0	0603
37: 23	2	R2,R21	10K	0603
38: 24	9	R3,R4,R5,R6,R7,R8,R9,R10,	330	0603
39: 25	1	R23		
40: 25	1	R11	680K	1206
41: 26	1	R12	22R	0603
42: 27	1	R13	Zero	1206
43: 28	1	R14	22K	0603
44: 29	3	R15,R17,R36	18K	0603
45: 30	1	R16	1K8	0603
46: 31	1	R19	8K2	0603
47: 32	1	R22	100R	0603
48: 33	2	R24,R25	270K	1206
49: 34	1	R26	0.02R	1206
50: 35	1	R27	3K9	0603
51: 36	2	R28,R35	39K	0603
52: 37	1	R33	1K0	0603
53: 38	1	R34	787	0603
54: 39	1	R37	47K	0603
55: 40	1	R38	47R	0603
56: 41	3	S1,S2,S3	Tact Sw	TactSw RA
57: 42	2	S4,S5	Tact Sw 3x6	3x6 SMT
58: 43	1	T1	PA6706	
59: 44	1	U1	AT89C51RB2	QFP44
60: 45	1	U2	MCP101-450	SOT23
61: 46	1	U3	24C02	SO8
62: 47	1	U4	MAX3311	uMax10
63: 48	1	U5	7805	TO263
64: 49	1	U6	74HC595	SO16
65: 50	1	U7	AD9833	uMAX10
66: 51	1	U9	LMV321	SOT23-5
67: 52	1	U10	LT3751	TSSOP20
68: 53	1	U11	PA340CC	DPAK7
69: 54	1	U12	CAT5119	SOT6
70: 55	1	X1	8.388608 MHz	CSM7

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