





Title		
Size	Number	Revision
A		
Date:	8/3/2010	Sheet of
File:	C:\svn\...\power.SchDoc	Drawn By:

Bill of Materials

<Parameter Title not found>

Source Data From: MotBoard-v6.PrjPcb
 Project: MotBoard-v6.PrjPcb
 Variant: None

Creation Date: 8/3/2010 6:15:57 PM
 Print Date: 40393 40393.76111

Footprint	Comment	LibRef	Designator	Description	Quantity
CAPC3216L	Cap Semi	Cap Semi	C1	Capacitor (Semiconductor SIM Model)	1
CAPC1608L	Cap	Cap	C2, C21, C22, C24, C25	Capacitor	5
CAPC1005L	Cap Semi	Cap Semi	C9, C12, C13, C17, C18, C19, C51	Capacitor (Semiconductor SIM Model)	7
CAPC1608L	Cap Semi	Cap Semi	C10, C11, C14, C15, C16, C20	Capacitor (Semiconductor SIM Model)	6
CAPC1005L	Cap	Cap	C23, C26	Capacitor	2
3/8"Caster	non connect	Caster	CasterBack, CasterFront	This is just a space saver to get the caster onto the pcb	2
INDC2012L	Charge	LED2	D1	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
INDC2012L	Power	LED2	D2	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
HDR1X16	Header 16	Header 16	J1, J2	Header, 16-Pin	2
BatteryConnJST	Bat	BatteryConnJST	J3		1
Inductor-Power	3.3uH	Inductor	L1		1
Inductor-Power	2.2uH	Inductor	L2		1
INDC2012L	Inductor	Inductor	L3	Inductor	1
motorEncoder	motorEncoder	motorEncoder	MOT_L, MOT_R		2
HDR1X4	Header 4	Header 4	P1	Header, 4-Pin	1
RESC3225L	Res3	Res3	R1	Resistor	1
RESC1608L	Res3	Res3	R7, R8, R9, R12, R13, R14, R15, R18, R19, R22, R23, R24, R25, R26, R27, R28	Resistor	16
RESC1608L		Res3	R10, R11, R16, R17, R20, R21	Resistor	6
TestPoint	TestPoint	TestPoint	TP1		1
LGA16	LPY510AL	LPY510AL	U3		1
LGA16 (4.4x7.5x1 mm)	LIS3LV02DL	LIS3LV02DL	U4		1
DCK(R-PDSO-C6)	schmit trigger	schmit trigger	U5, U7		2
QFN-20	MOTOR-A3906	MOTOR-A3906	U6		1
QFN-24	LTC3566	LTC3566	U8		1
					64

Approved	Notes