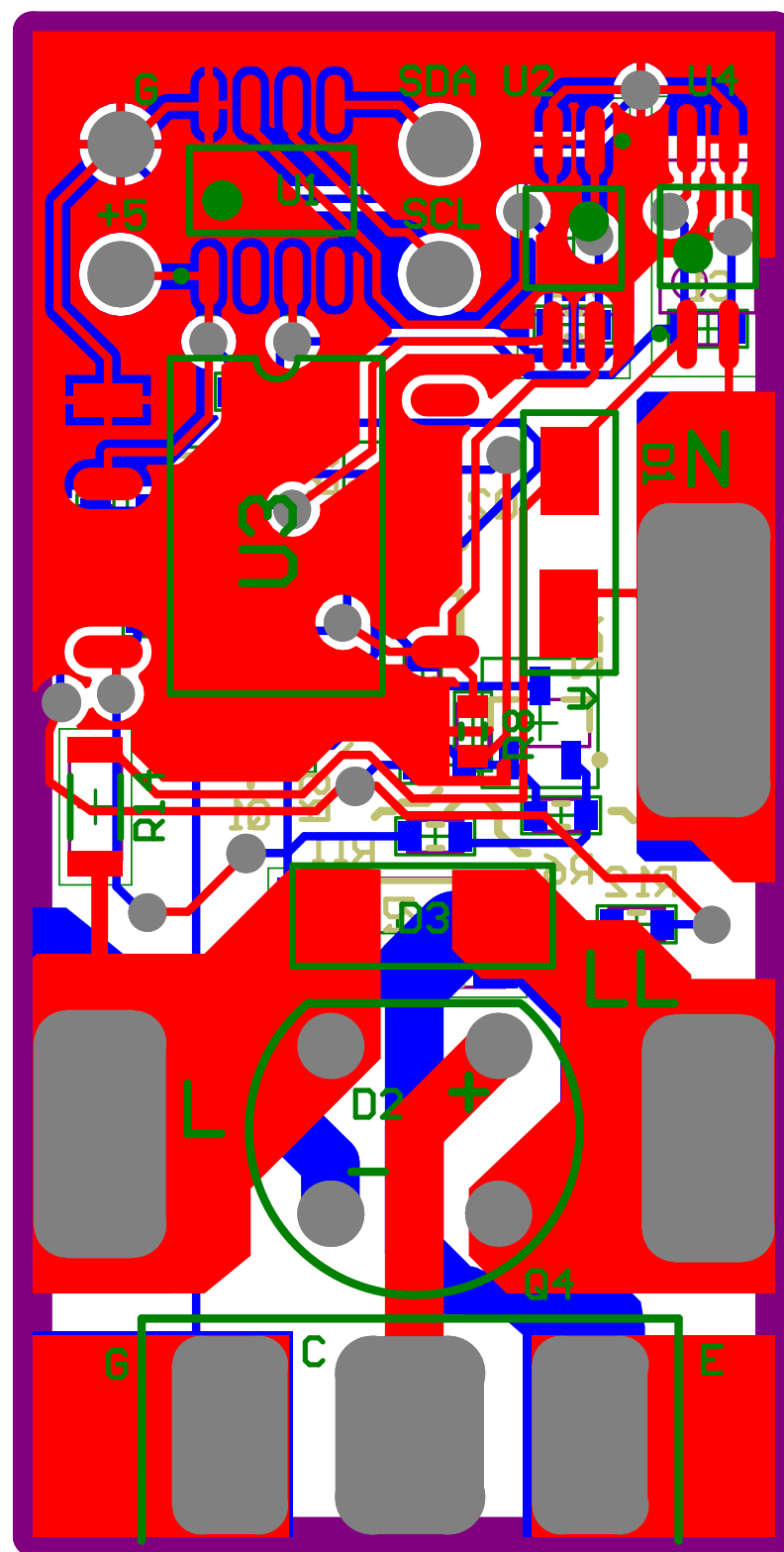


Title		
Size	Number	Revision
A4		
Date:	08/11/2013	Sheet of
File:	C:\Users\...\dimmer.SchDoc	Drawn By:



# Bill of Materials

<Parameter Title not found>

Source Data From: dimmer.PrjPCB  
 Project: dimmer.PrjPCB  
 Variant: None

Creation Date: 08/11/2013 01:04:21  
 Print Date: 41586 41586.04471

Footprint	Comment	LibRef	Designator	Description	Quantity
PIN1	Socket	Socket	+5, G, SCL, SDA	Socket	4
1608[0603]	0.047uF	Cap Semi	C1	Capacitor (Semiconductor SIM Model)	1
1608[0603]	0.47uF	Cap Semi	C2	Capacitor (Semiconductor SIM Model)	1
DO-214AC	S1A	Diode	D1	Default Diode	1
2W10G	2W10G	Bridge1	D2	Full Wave Diode Bridge	1
DO-214AA	SMBJ440CA	SMBJ440CA	D3		1
MAINSPIN2x	PWRCON2X	PWRCON2X	L		1
MAINSPIN1	PWRCON	PWRCON	LL		1
MAINSPIN3x	PWRCON2X	PWRCON2X	N		1
SOT-23_N	BC847	NPN	Q1, Q2	NPN Bipolar Transistor	2
SOT-23_N	BC857	PNP	Q3	PNP Bipolar Transistor	1
FGA20S140P	FGA20S140P	IGBT-N	Q4	Insulated Gate Bipolar Transistor (N-Channel)	1
J1-0603	22k	Res3	R1, R3, R4, R5, R6, R7, R8	Resistor	7
J1-0603	3.3k	Res3	R2, R9, R12	Resistor	3
J1-0603	10k	Res3	R10	Resistor	1
J1-0603	15k	Res3	R11	Resistor	1
R2512	0.1R 2W	Res3	R13	Resistor	1
R1206	1/4W	Res3	R14	Resistor	1
SOIC150-8_N	PIC12F1840	PIC12F1840	U1		1
PC3H71	PC3H71	Optoisolator1	U2, U4	4-Pin Phototransistor Optocoupler	2
PDS1-M	PDS1-M	PDS1-M	U3		1
SOT-23_N	TLV431A	TLV431A	ZD1		1
					35

Approved	Notes