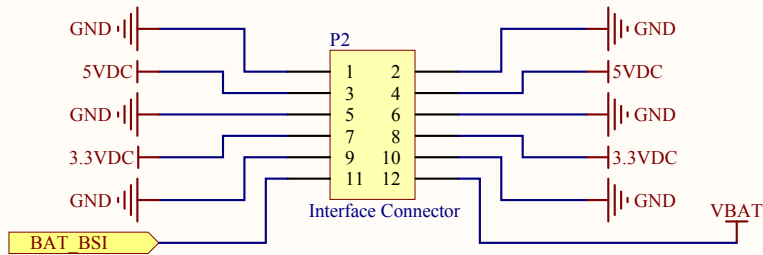
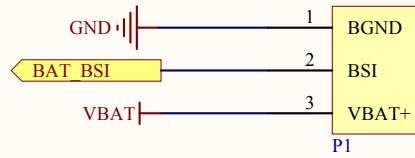
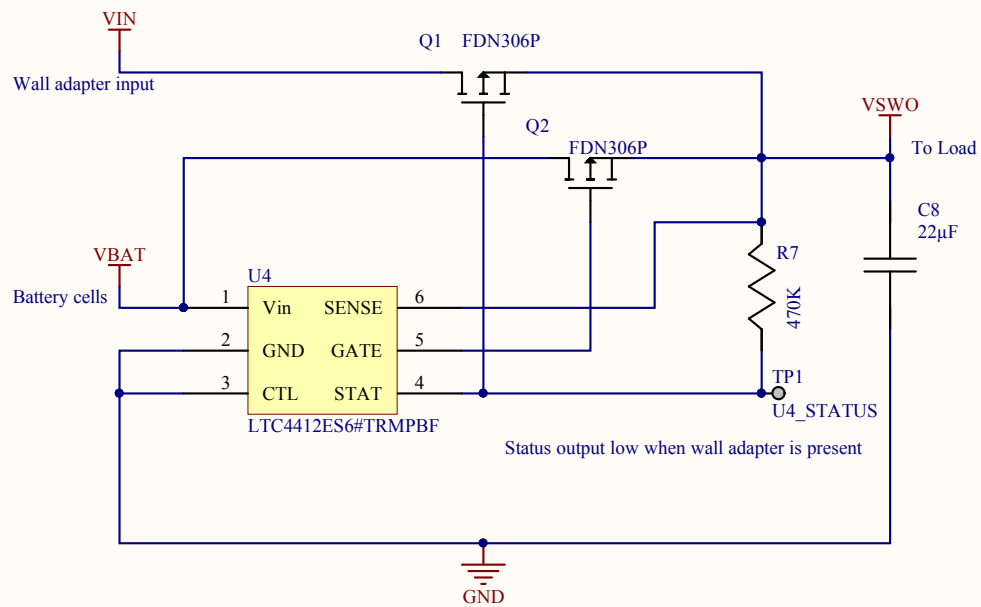


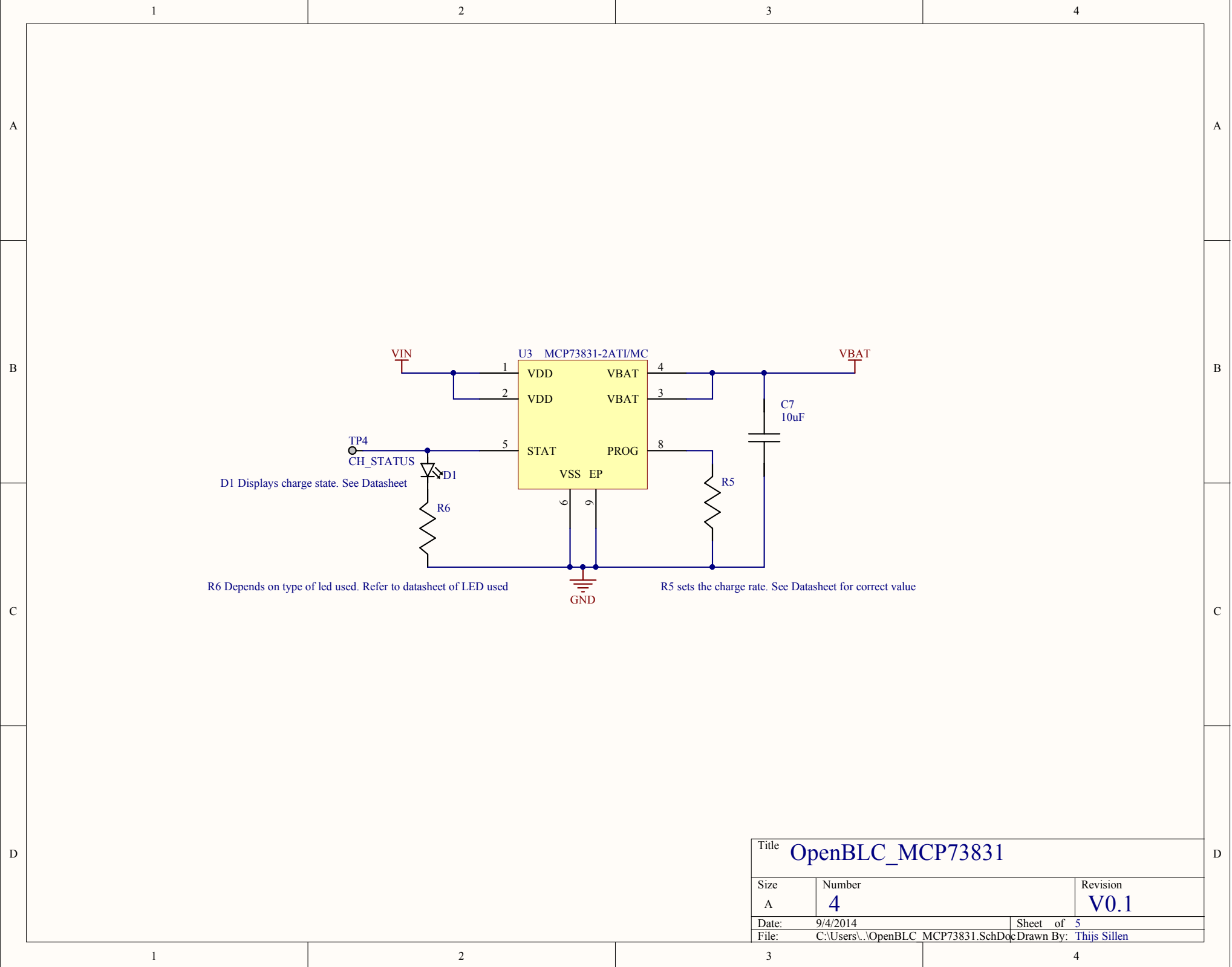
Nokia style 3pin battery connector  
Vin 3.7-4.2 MAX

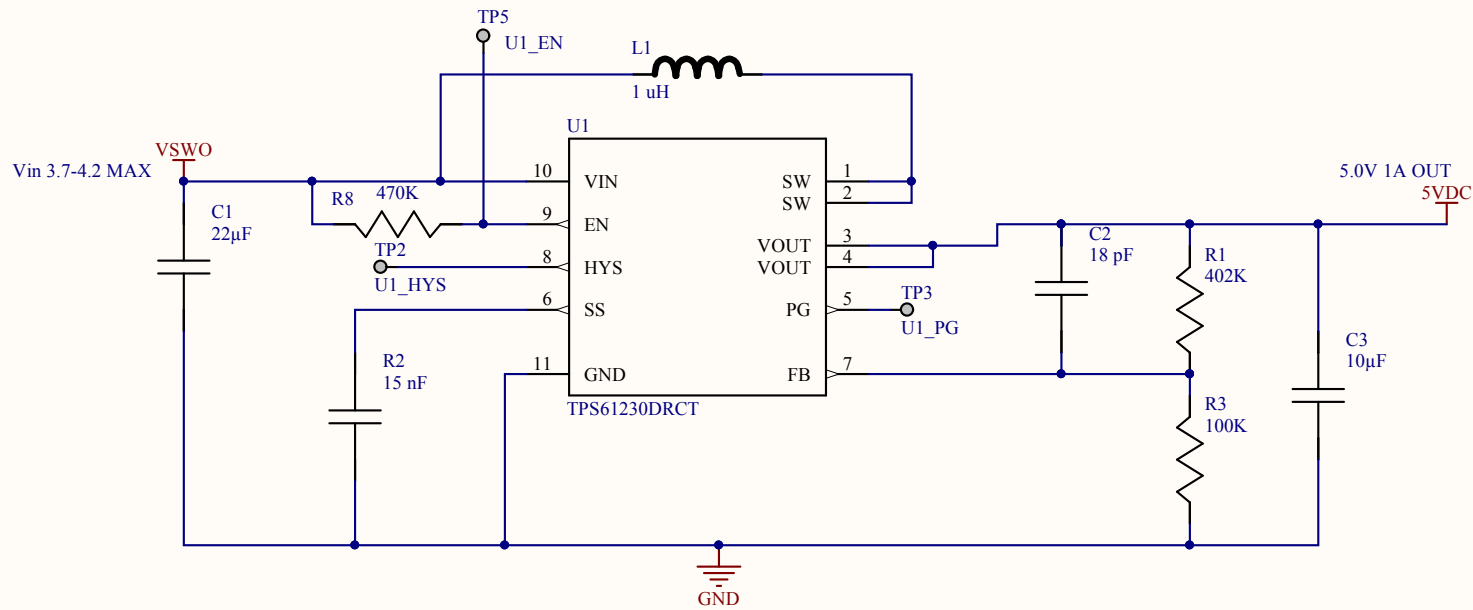


Title			OpenBLC_CONNECTIONS	
Size	Number		Revision	
A	3		V0.1	
Date:	9/4/2014		Sheet of 5	
File:	C:\Users\...\OpenBLC_CONNECTIONS.sch		Drawn By: Thijs Sillen	

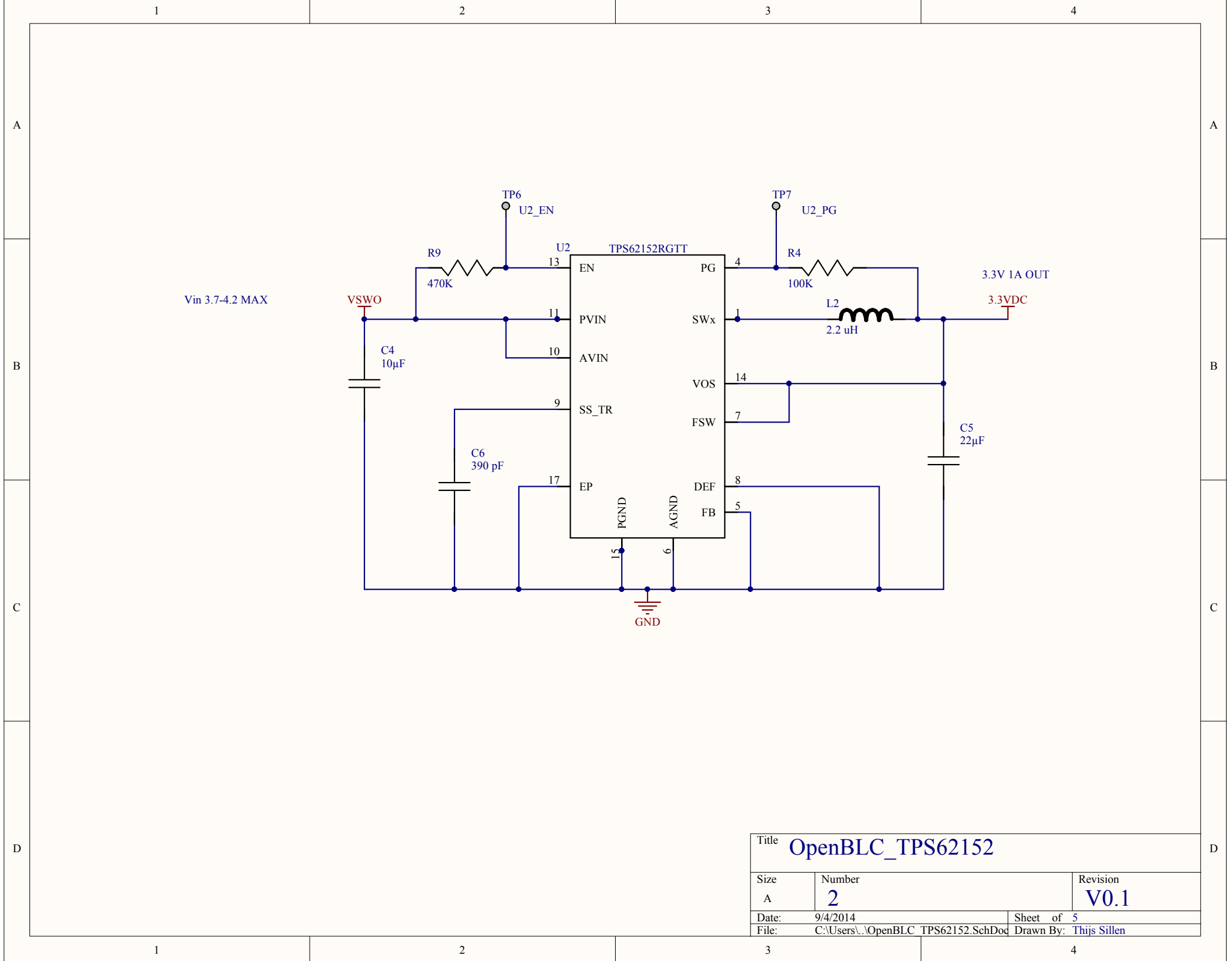


Title <b>OpenBLC_LTC4412</b>		
Size A	Number <b>5</b>	Revision <b>V0.1</b>
Date:	9/4/2014	Sheet of 5
File:	C:\Users\...\OpenBLC_LTC4412.SchDoc	Drawn By: Thijs Sillen



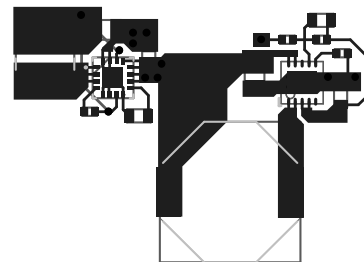


Title <b>OpenBLC_TPS61230</b>		
Size A	Number <b>1</b>	Revision <b>V0.1</b>
Date:	9/4/2014	Sheet of 5
File:	C:\Users\...\OpenBLC_TPS61230.SchDoc	Drawn By: Thijs Sillen



Title OpenBLC_TPS62152		
Size A	Number 2	Revision V0.1
Date: 9/4/2014	Sheet of 5	
File: C:\Users\...\OpenBLC_TPS62152.SchDoc	Drawn By: Thijs Sillen	

P2  
2  
1  
12  
11



# Bill of Materials

<Parameter Title not found>

Source Data From:	OpenBLC.PrjPcb
Project:	OpenBLC.PrjPcb
Variant:	None

Creation Date:	9/4/2014	4:43:07 PM
Print Date:	41886	41886.69669

Footprint	Comment	LibRef	Designator	Description	Quantity
0805	C2012X5R0J226	C2012X5R0J226	C1, C5, C8	CAP CER 22UF 6.3V 20% X5R 0805	3
0603	M125AC	M125AC			
	C0603C180J5G	C0603C180J5G	C2	Meerlaagse keramische condensatoren	1
	ACTU	ACTU		MLCC - SMD/SMT 50volts 18pF C0G 5%	
0603	CL10A106MQ8	CL10A106MQ8	C3, C4	CAP CER 10UF 6.3V 20% X5R 0603	2
	NNNC	NNNC			
0603	GRM033R71C3	GRM033R71C3	C6	Meerlaagse keramische condensatoren	1
	91KA01D	91KA01D		MLCC - SMD/SMT 390pF 16 volts 10%	
0805	GRM21BR61A1	GRM21BR61A1	C7	MURATA - GRM21BR61A106KE19L -	1
	06KE19L	06KE19L		CAPACITOR, CERA, 10UF, 10%, 10V, 10%, SMD	
0603_DIODE	0603_LED	0603_LED	D1		1
SRU1028	SRU1028-1R0Y	SRU1028-1R0Y	L1	Vaste smoorspoelen 1uH 30% SMD 1028	1
SDR0403	SDR0403-2R2ML	SDR0403-2R2ML	L2	Vaste smoorspoelen 2.2uH 20% SMD 0403	1
	Nokia 3pin pogo connector	Nokia_3PIN_BA	P1		1
	TT_CONTACT	TT_CONTACT			
HDR2X6	Interface Connector	Header 6X2	P2	Header, 6-Pin, Dual row	1
	FDN306P	FDN306P	Q1, Q2	MOSFET P-Ch PowerTrench Specified 1.8V	2
0402	CRCW0402402	CRCW0402402	R1	VISHAY DRALORIC - CRCW0402402KFKED - RESISTOR, 0402, 402K, 1%	1
	KFKED	KFKED			
0402	GRM155R71C1	GRM155R71C1	R2	Meerlaagse keramische condensatoren	1
	53KA01D	53KA01D		MLCC - SMD/SMT 0402 0.015uF 16volts X7R 10%	
0402	CRCW0402100	CRCW0402100	R3, R4	VISHAY DRALORIC - CRCW0402100KFKEDHP - RESISTOR, POWER, 100K, 0.125W, 1%	2
	KFKEDHP	KFKEDHP			
0805	0805_RES	0805_RES	R5, R6, R7, R8, R9		5
TESTPOINT	U4_STATUS	TESTPOINT	TP1	TESTPOINT SCOPE GRABBER	1
TESTPOINT	U1_HYS	TESTPOINT	TP2	TESTPOINT SCOPE GRABBER	1
TESTPOINT	U1_PG	TESTPOINT	TP3	TESTPOINT SCOPE GRABBER	1
TESTPOINT	CH_STATUS	TESTPOINT	TP4	TESTPOINT SCOPE GRABBER	1
TESTPOINT	U1_EN	TESTPOINT	TP5	TESTPOINT SCOPE GRABBER	1
TESTPOINT	U2_EN	TESTPOINT	TP6	TESTPOINT SCOPE GRABBER	1
TESTPOINT	U2_PG	TESTPOINT	TP7	TESTPOINT SCOPE GRABBER	1
TPS61230DR	TPS61230DRCT	TPS61230DRCT	U1	TPS61230DRCT	1
CR					
TPS62152RG	TPS62152RGTT	TPS62152RGTT	U2	TPS62152RGTT	1
TR					
PQFN50P30	MCP73831-	MCP73831-	U3	Batterijbeheer Li-Ion/Li-Poly Chrg Mgnt	1
0X200X5_HS-	2AT/MC	2AT/MC		4.2V Vreg out	
9N	LTC4412ES6#T	LTC4412ES6#T	U4	IC OR CTRLR SRC SELECT TSOT23-6	1
	RMPBF	RMPBF			

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Approved	Notes