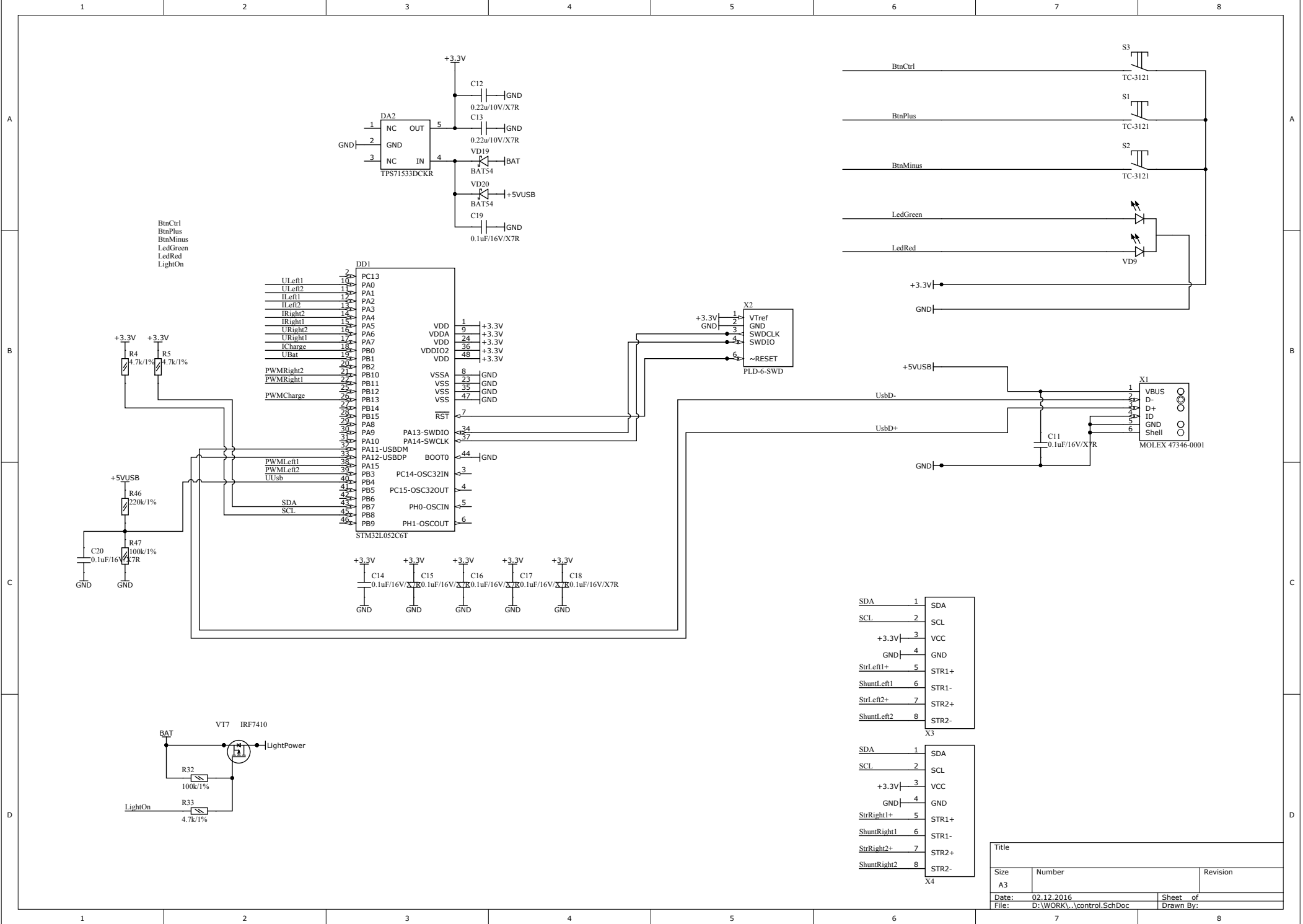


Title		
Size	Number	Revision
A3		
Date:	02.12.2016	Sheet of
File:	D:\WORK\...\charger.SchDoc	Drawn By:



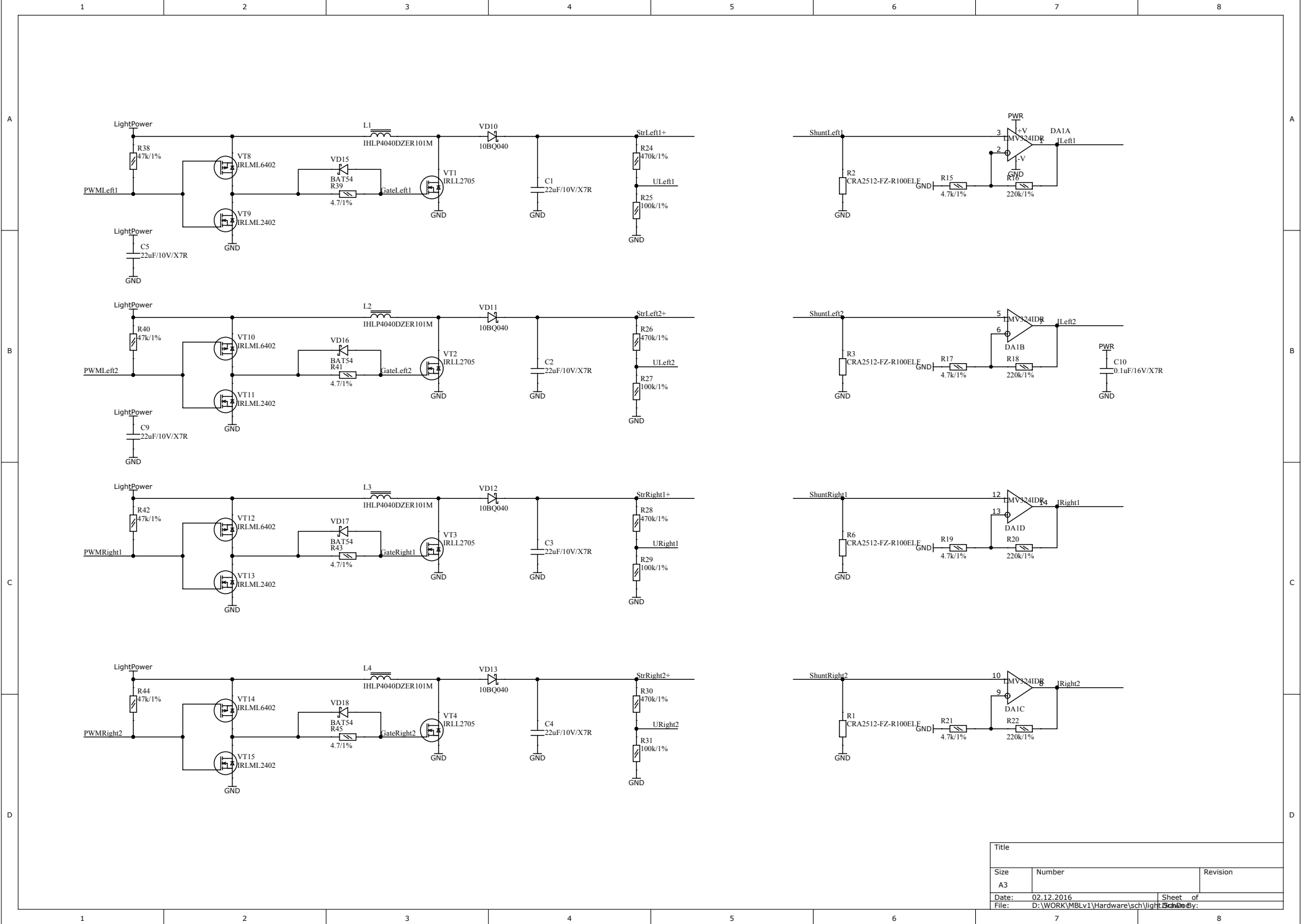
SDA	1	SDA
SCL	2	SCL
+3.3V	3	VCC
GND	4	GND
StrLeft1+	5	STR1+
ShuntLeft1	6	STR1-
StrLeft2+	7	STR2+
ShuntLeft2	8	STR2-

X3

SDA	1	SDA
SCL	2	SCL
+3.3V	3	VCC
GND	4	GND
StrRight1+	5	STR1+
ShuntRight1	6	STR1-
StrRight2+	7	STR2+
ShuntRight2	8	STR2-

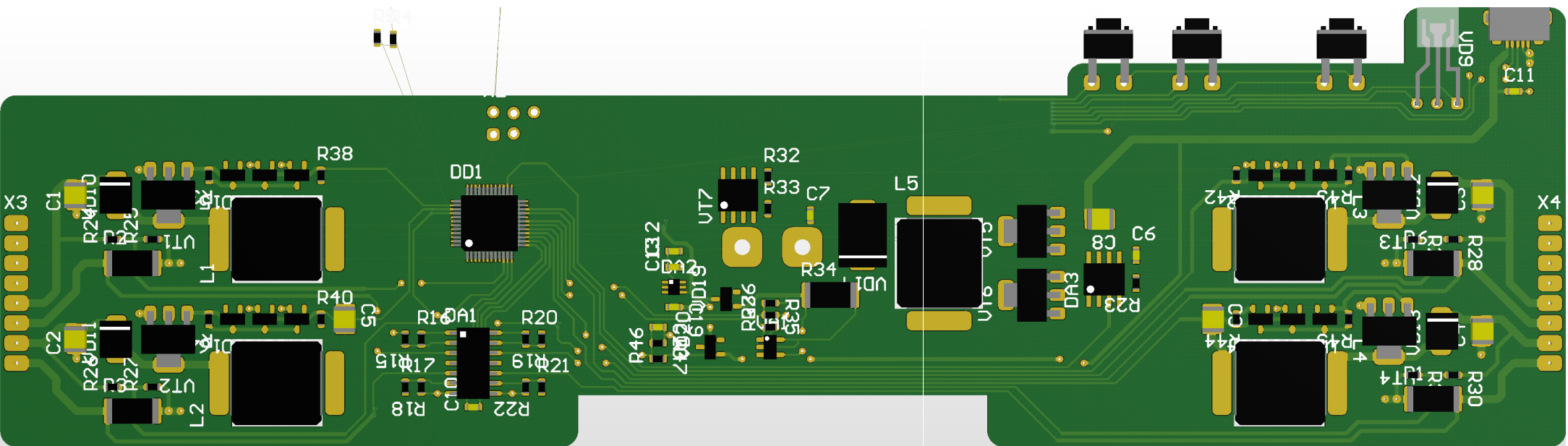
X4

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A3		
Date:	02.12.2016	Sheet of
File:	D:\WORK\...\control.SchDoc	Drawn By:



Title		
Size	Number	Revision
A3		
Date:	02.12.2016	Sheet of
File:	D:\WORK\MBLv1\Hardware\sch\light\light.sch	

Comment	Designator	Quantity	Описание
22uF/10V/X7R	C1, C2, C3, C4, C5, C8, C9	7	Конденсатор SMD 1210
0.22u/10V/X7R	C6, C7, C12, C13	4	Конденсатор SMD 0603
0.1uF/16V/X7R	C10, C11, C14, C15, C16, C17, C18, C19, C20	9	Конденсатор SMD 0603
LMV324IDR	DA1	1	Микросхема SO14
TPS71533DCKR	DA2	1	Микросхема SOT323-5
TPS28225D	DA3	1	Микросхема SO8
STM32L052C6T	DD1	1	Микросхема LQFP48
IHLP4040DZER101M	L1, L2, L3, L4, L5	5	Индуктивность SMD 2525
CRA2512-FZ-R100ELF	R1, R2, R3, R6	4	Резистор SMD 2512
4.7k/1%	R4, R5, R15, R17, R19, R21, R33	7	Резистор SMD 0603
220k/1%	R16, R18, R20, R22, R23, R35, R36, R46	8	Резистор SMD 0603
470k/1%	R24, R26, R28, R30, R37	5	Резистор SMD 0603
100k/1%	R25, R27, R29, R31, R32, R47	6	Резистор SMD 0603
CRA2512-FZ-R010ELF	R34	1	Резистор SMD 2512
47k/1%	R38, R40, R42, R44	4	Резистор SMD 0603
4.7/1%	R39, R41, R43, R45	4	Резистор SMD 0603
TC-3121	S1, S2, S3	3	Кнопка
INA138NA	VA1	1	Микросхема SOT23-5
L-119EGWT	VD9	1	Светодиод красный/зеленый
10BQ040	VD10, VD11, VD12, VD13	4	Диод SMB
30BQ____	VD14	1	Диод SMC
BAT54	VD15, VD16, VD17, VD18, VD19, VD20	6	Диод SOT23
IRLL2705	VT1, VT2, VT3, VT4, VT5, VT6	6	Транзистор SOT223
IRF7410	VT7	1	Транзистор SO8
IRLML6402	VT8, VT10, VT12, VT14	4	Транзистор SOT23
IRLML2402	VT9, VT11, VT13, VT15	4	Транзистор SOT23
MOLEX 47346-0001	X1	1	Разъем USB micro
PLD-6-SWD	X2	1	Разъем программатора
ConnectorMainSide	X3, X4	2	



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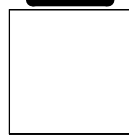
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