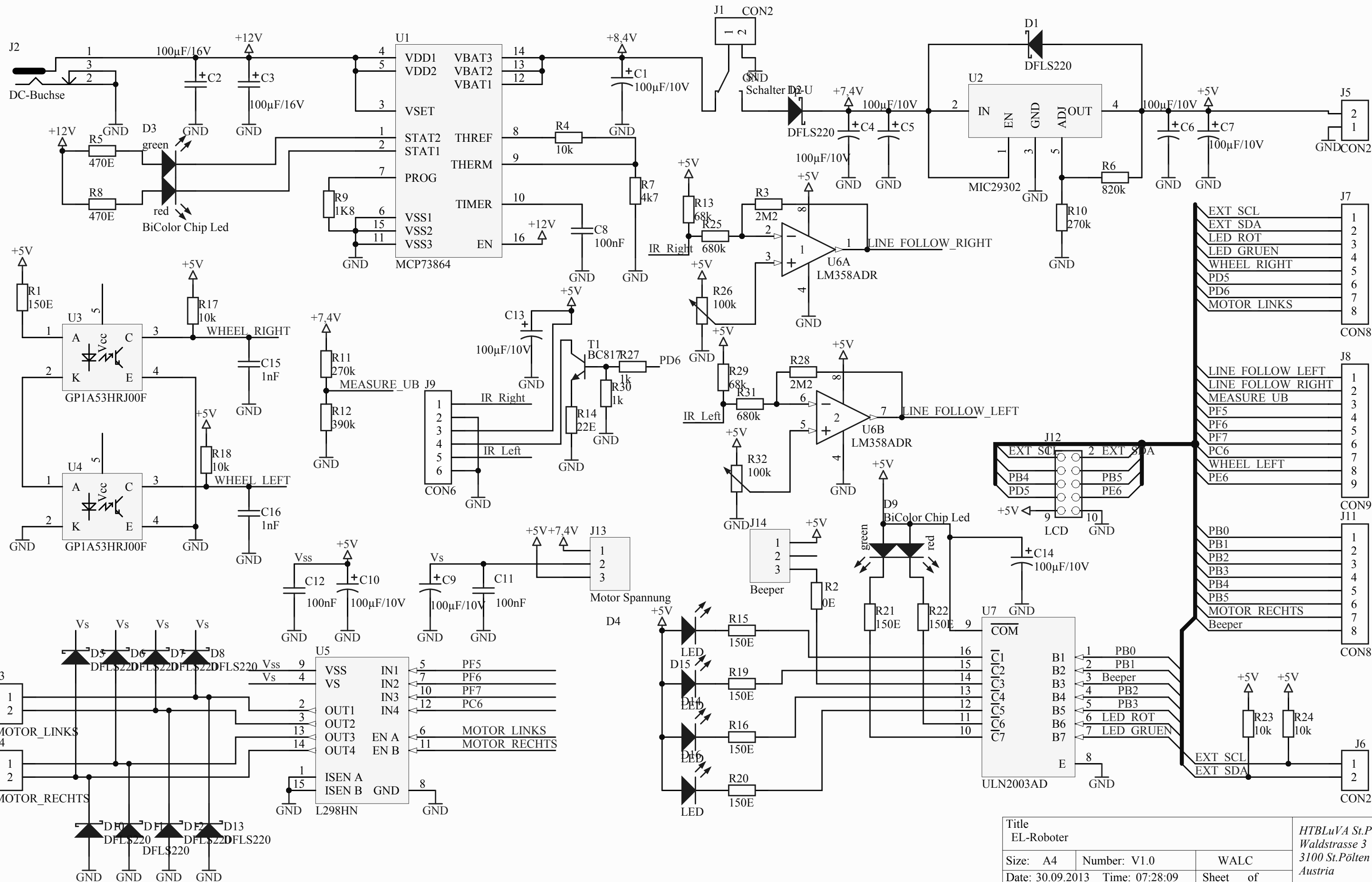


Lindinger: 90275 - LiPo 2S - 800mAh

A




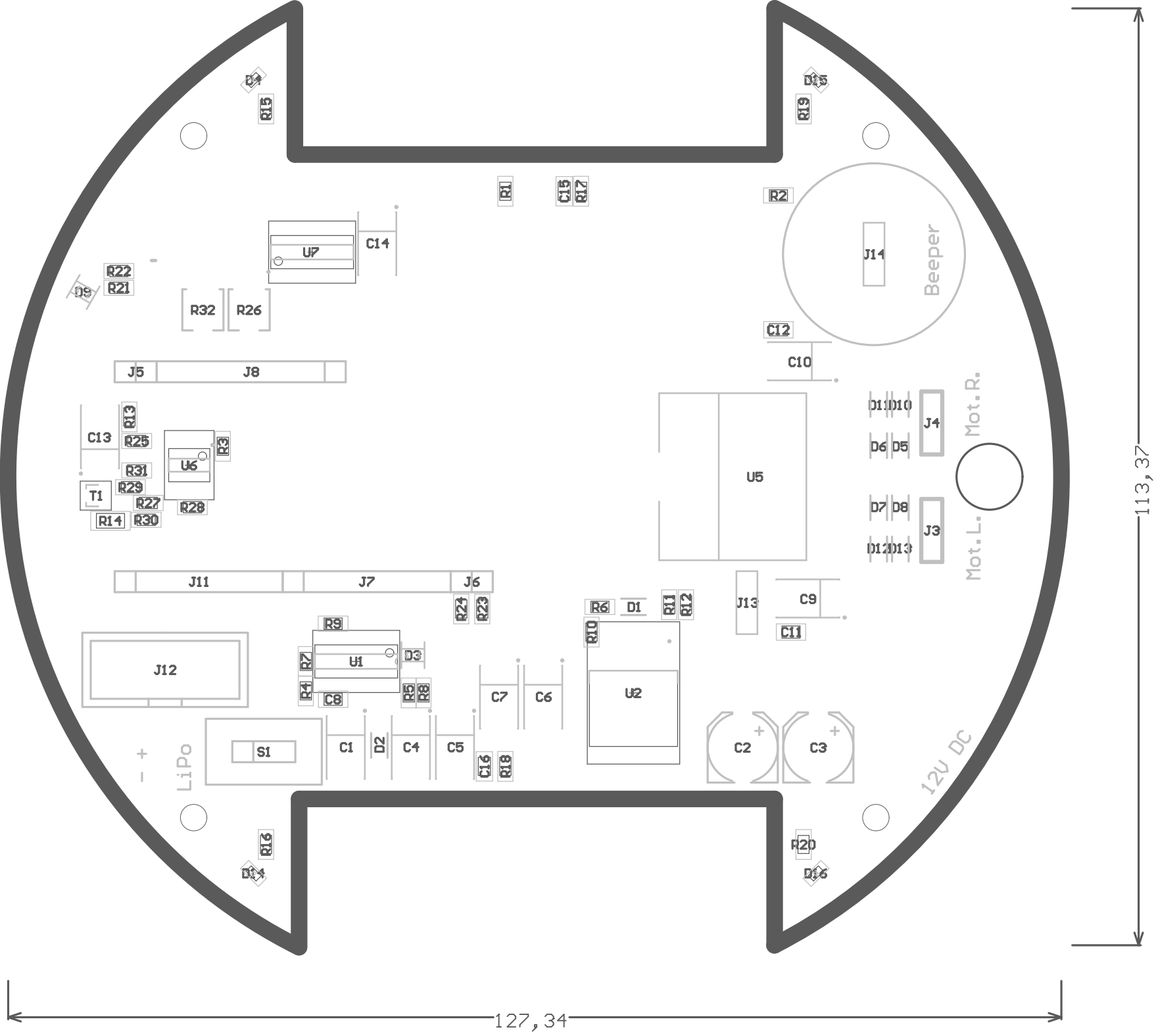
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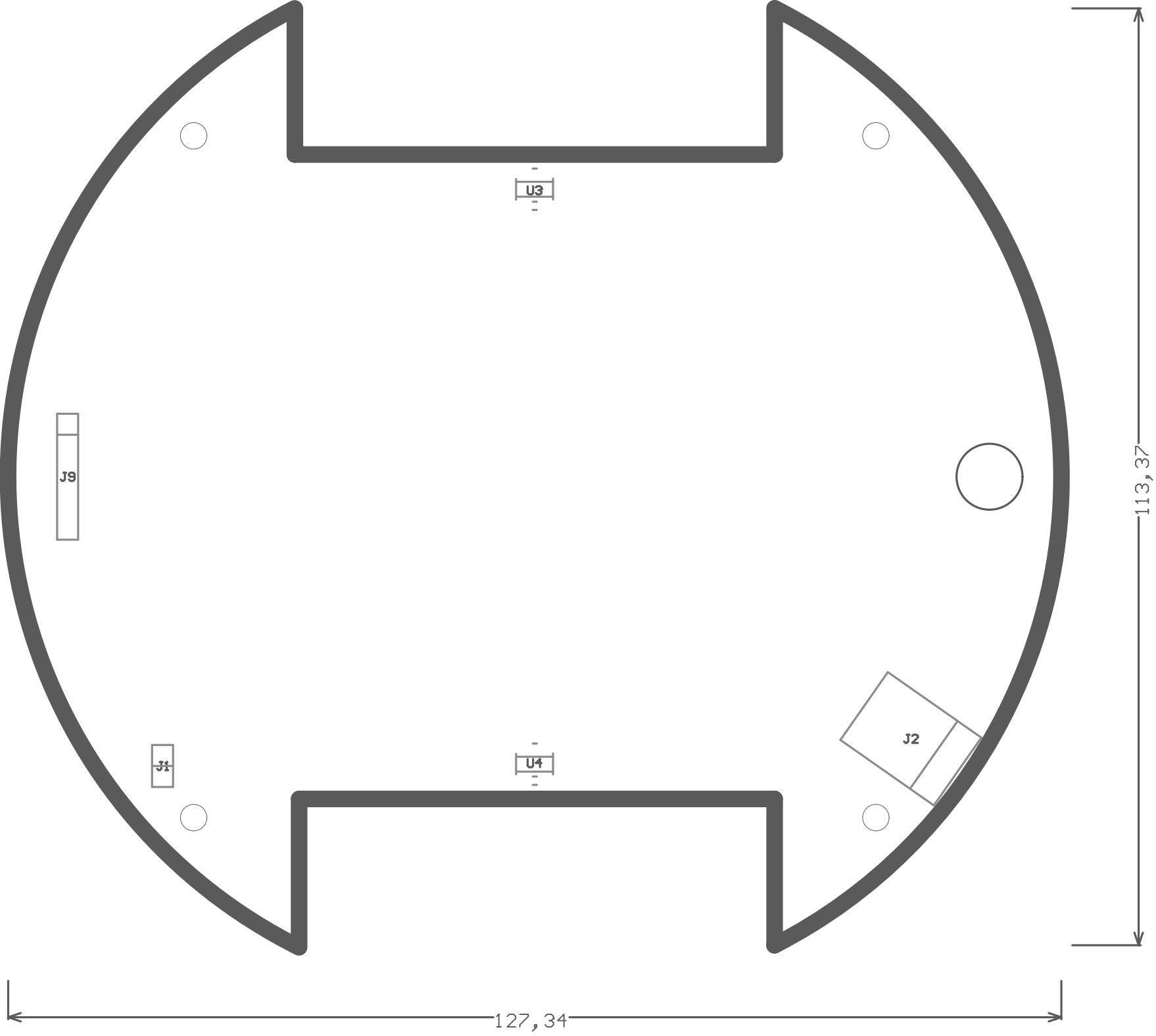
B

C

D

Title EL-Roboter			<i>HTBLuVA St.Pölten Waldstrasse 3 3100 St.Pölten Austria</i>	
Size: A4	Number: V1.0	WALC		
Date: 30.09.2013	Time: 07:28:09	Sheet of		
File: W:\WALC\Dokumente\Projekte\Schule\EL Roboter\Roboter V2.3\EL Roboter.SchDoc				





Comment	Description	Designator	Footprint	LibRef	Quantity
100µF/ 10V	Tantalkondensator	C1, C4, C5, C6, C7, C9, C10, C13, C14	EIA-7343-20	Cap Tantal	9
100µF/ 16V	Elektrolyt-Kondensator	C2, C3	ELKO_NACH6,3	Cap Elko	2
100nF	Kondensator	C8, C11, C12	0805C	Cap Ceramic	3
1nF	Kondensator	C15, C16	0805C	Cap Ceramic	2
DFLS220		D1, D2, D5, D6, D7, D8, D10, D11, D12, D13	PowerDI-123	Diode Schottky	10
BiColor Chip Led		D3, D9	LED_bicolor_smd	LTST_C155GEKT	2
LED		D4, D14, D15, D16	0603LED	LED	4
CON2	Stecker	J1, J5, J6	SIP-2	CON2	3
DC-Buchse	DC-Buchse	J2	CJ-25-2	DC-Buchse	1
MOTOR_LINKS	Stecker	J3	KL-2	CON2	1
MOTOR_RECHTS	Stecker	J4	KL-2	CON2	1
CON8	Stecker	J7, J11	SIP-8	CON8	2
CON9	Stecker	J8	SIP-9	CON9	1
CON6	Stecker	J9	Sip-6	CON6	1
LCD	Stecker	J12	PFOSTEN_2x5H	CON2x5	1
Motor Spannung	Header, 3-Pin	J13	HDR1X3	Header 3	1
Beeper	Header, 3-Pin	J14	HDR1X3	Header 3	1
150E	Widerstand	R1, R15, R16, R19, R20, R21, R22	0805R	Resistor	7
0E	Widerstand	R2	0805R	Resistor	1
2M2	Widerstand	R3, R28	0805R	Resistor	2
10k	Widerstand	R4, R17, R18, R23, R24	0805R	Resistor	5
470E	Widerstand	R5, R8	0805R	Resistor	2
820k	Widerstand	R6	0805R	Resistor	1
4k7	Widerstand	R7	0805R	Resistor	1
1K8	Widerstand	R9	0805R	Resistor	1
270k	Widerstand	R10, R11	0805R	Resistor	2
390k	Widerstand	R12	0805R	Resistor	1
68k	Widerstand	R13, R29	0805R	Resistor	2
22E	Widerstand	R14	1206R	Resistor	1
680k	Widerstand	R25, R31	0805R	Resistor	2
100k		R26, R32	Pot-TS53YJ	Resistor Pot	2
1k	Widerstand	R27, R30	0805R	Resistor	2
Schalter 1p-U		S1	SIP-3	Schalter 1p-U	1
BC817		T1	SOT23	Transistor NPN	1
MCP73864		U1	SO16	MCP73864	1
MIC29302		U2	TO-263-5	MIC29302	1
GP1A53HRJ00F		U3, U4	KRA011	Gabellichtschranke	2
L298HN	Dual Full Bridge Driver	U5	Multiwatt15H	L298HN	1
LM358ADR	Dual Operational Amplifier	U6	D008_M	LM358ADR	1
ULN2003AD	Darlington Transistor Array	U7	D016_N	ULN2003AD	1