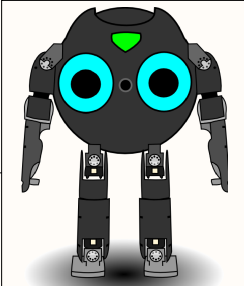
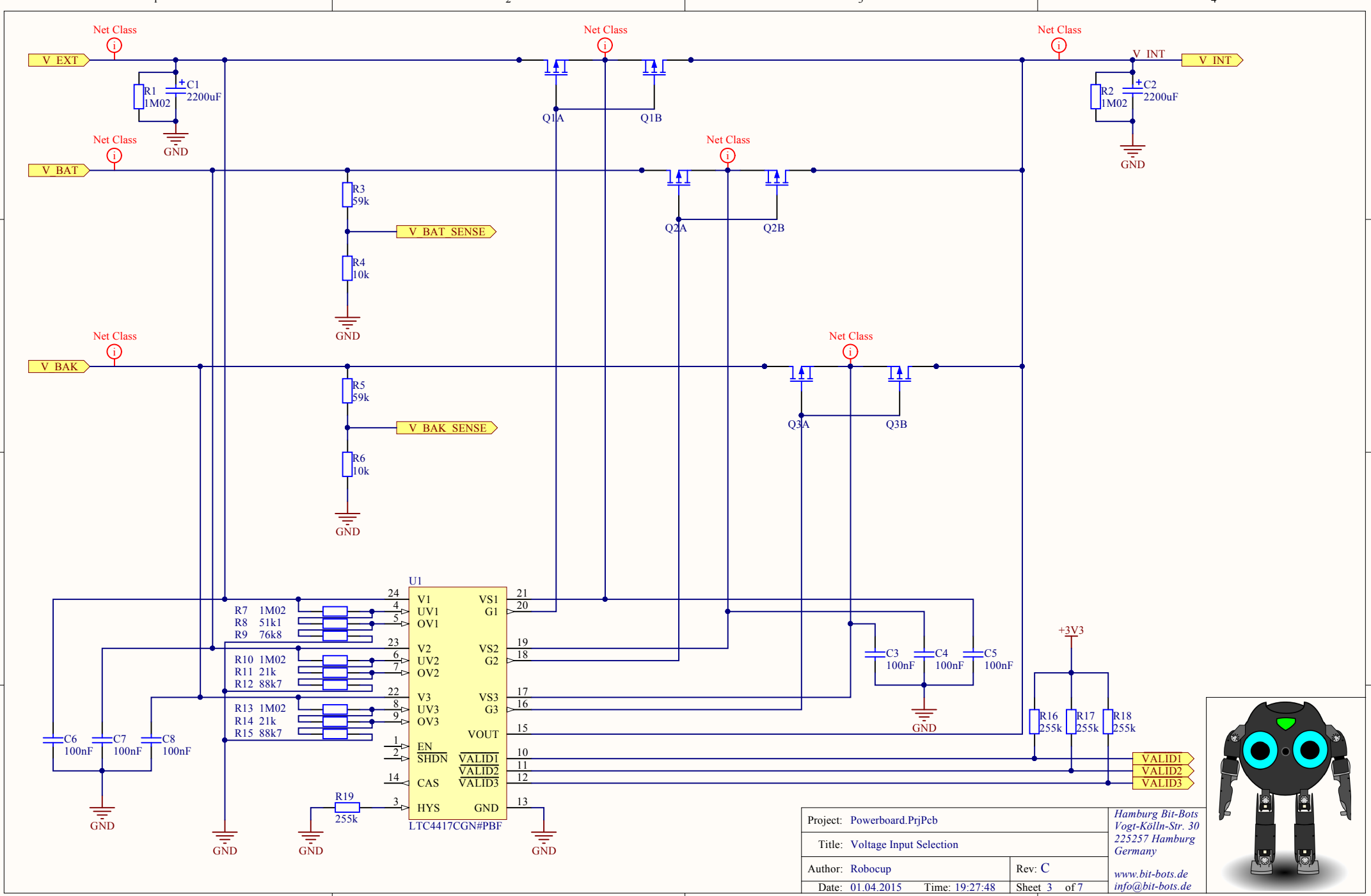


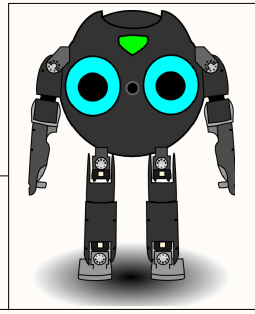
Project: Powerboard.PrjPcb		<i>Hamburg Bit-Bots Vogt-Kölln-Str. 30 225257 Hamburg Germany www.bit-bots.de info@bit-bots.de</i>
Title: Connector		
Author: Robocup	Rev: C	
Date: 01.04.2015	Time: 19:27:48	
Sheet 2 of 7		

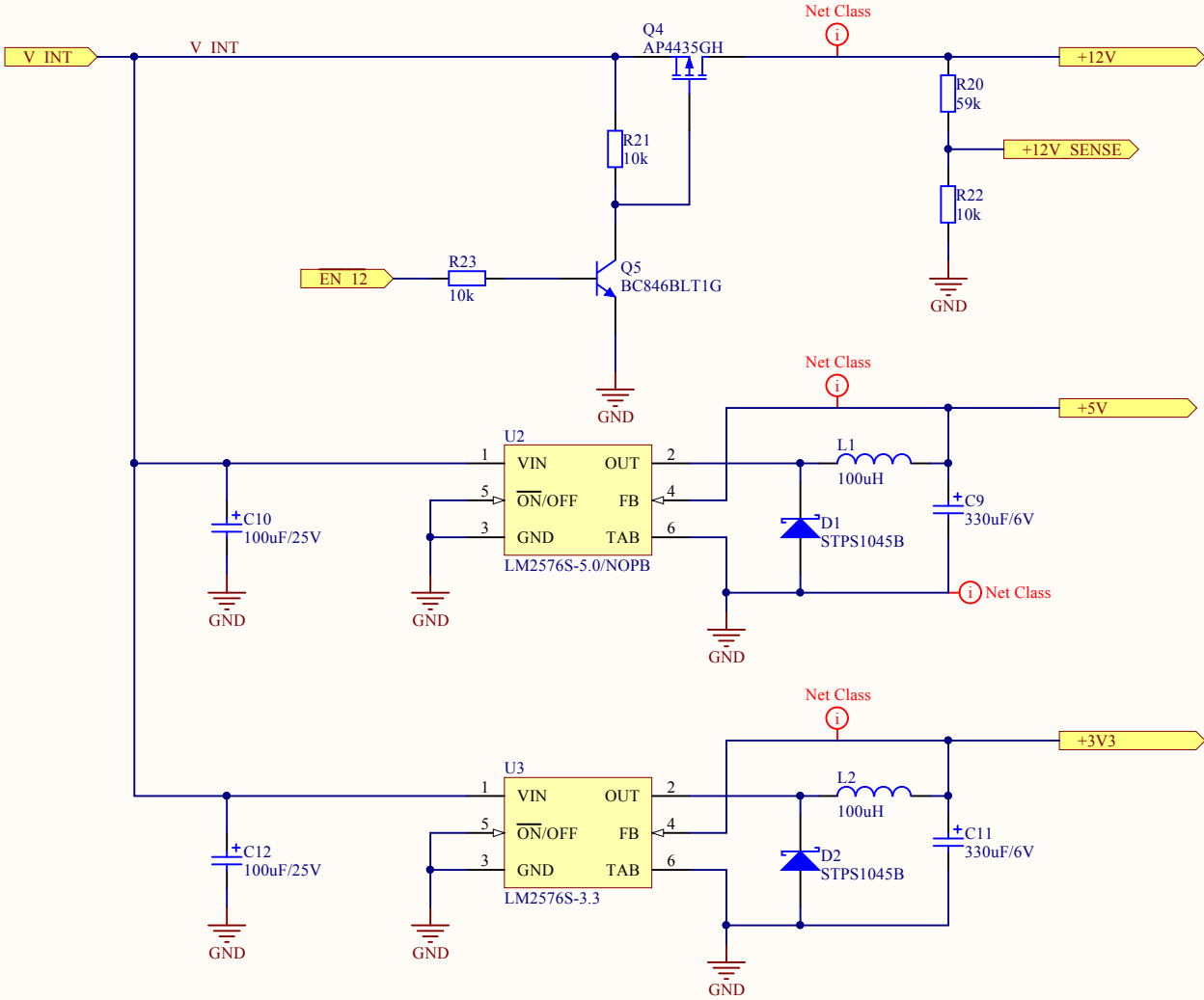




Project: Powerboard.PrjPcb	
Title: Voltage Input Selection	
Author: Robocup	Rev: C
Date: 01.04.2015	Time: 19:27:48
Sheet 3	of 7

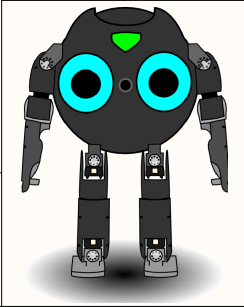
Hamburg Bit-Bots
Vogt-Köln-Str. 30
225257 Hamburg
Germany
www.bit-bots.de
info@bit-bots.de

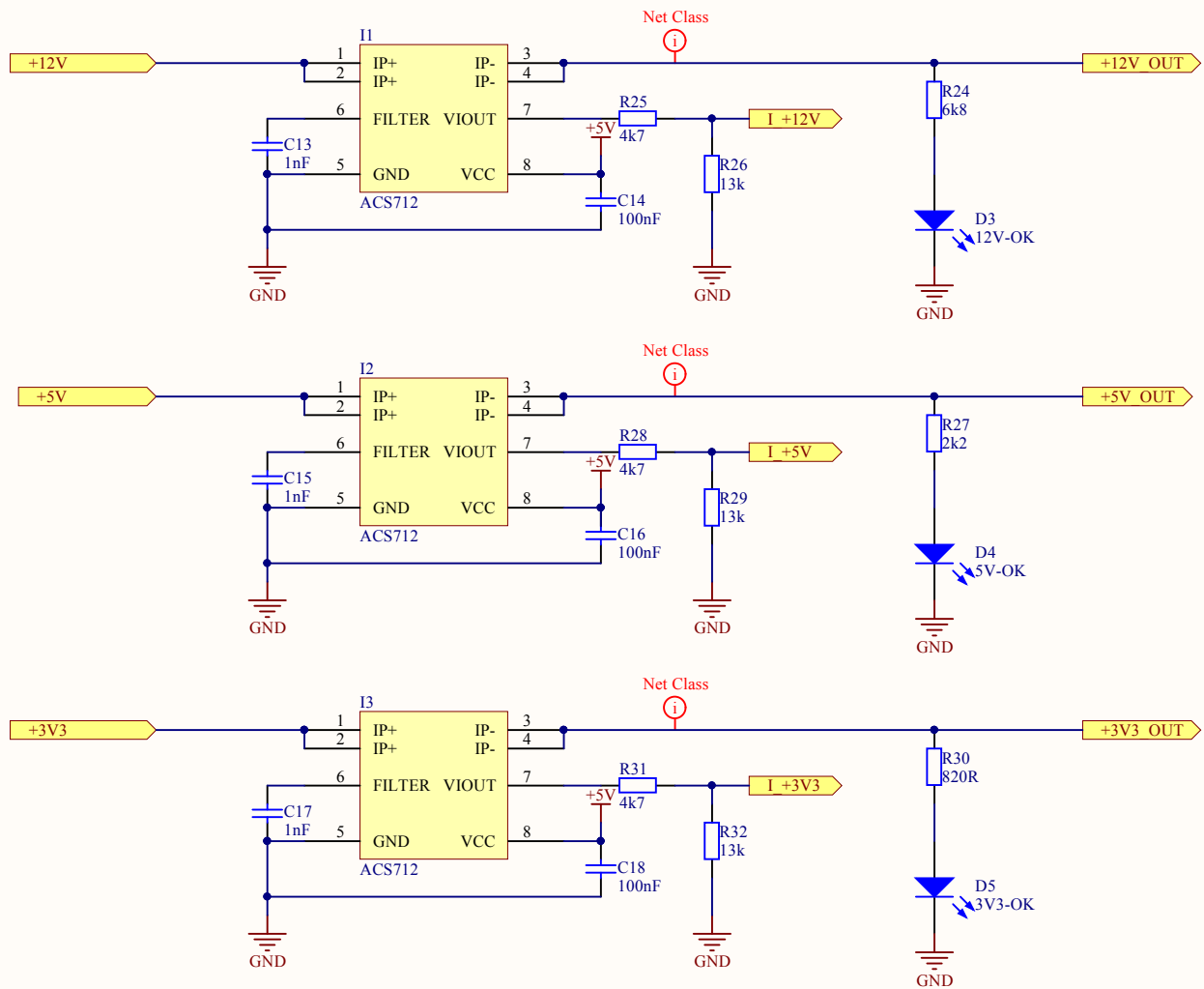




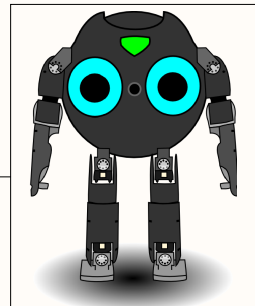
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Title: Voltage Regulation Unit	
Author: Robocup	Rev: C
Date: 01.04.2015	Time: 19:27:49
Sheet 4	of 7

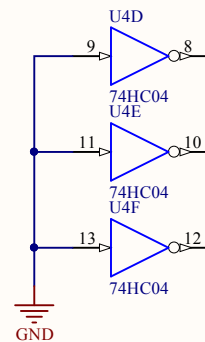
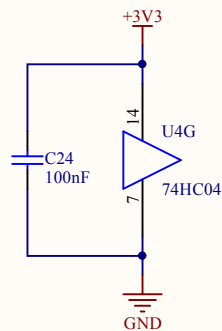
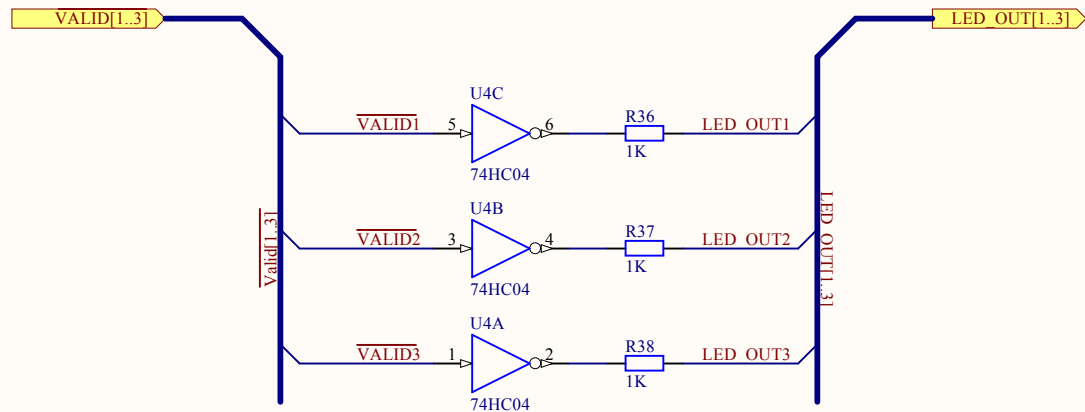
Hamburg Bit-Bots
Vogt-Kölln-Str. 30
225257 Hamburg
Germany
www.bit-bots.de
info@bit-bots.de



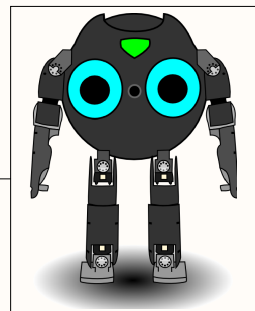


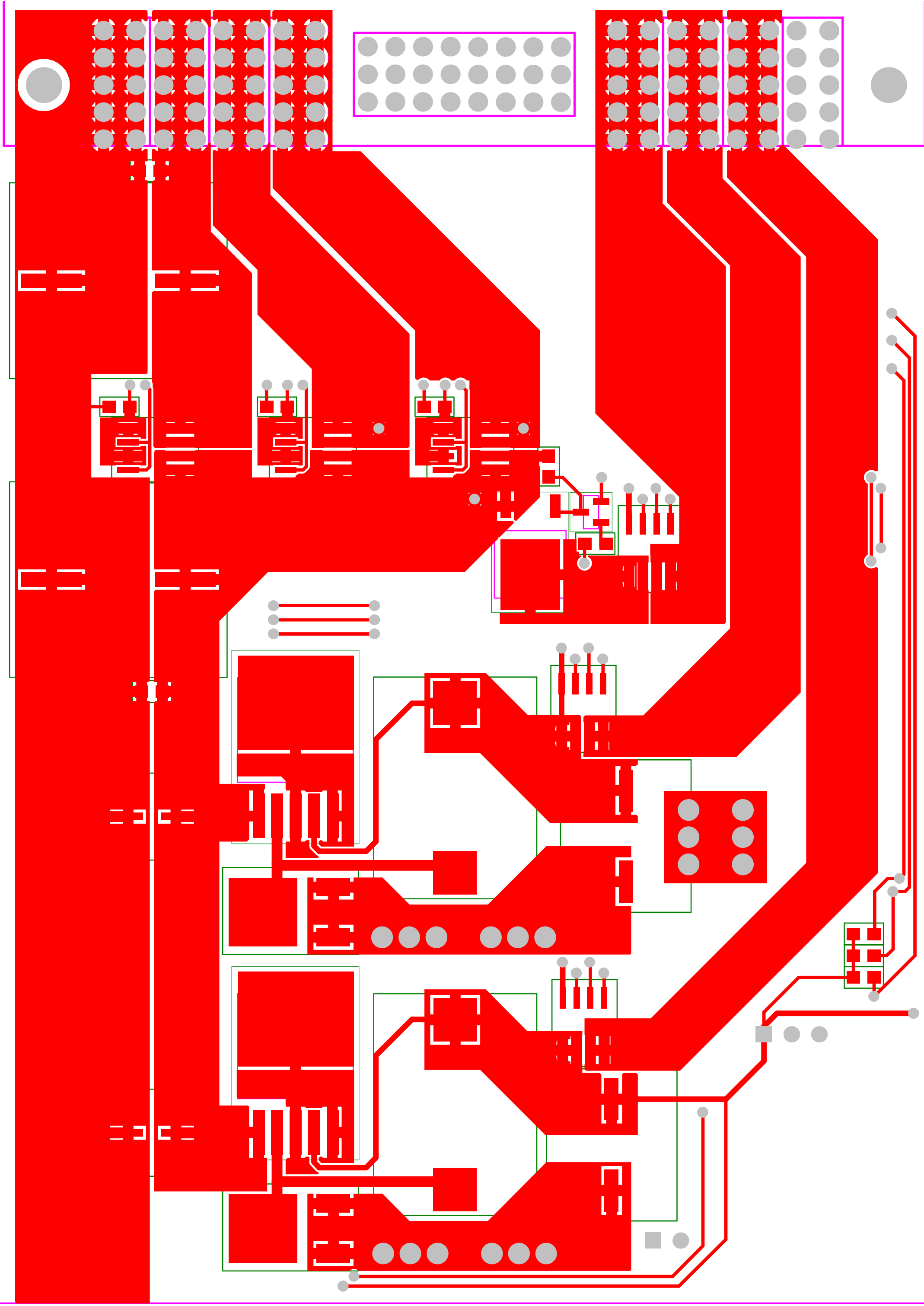
Project: Powerboard.PrjPcb			Hamburg Bit-Bots Vogt-Kölln-Str. 30 225257 Hamburg Germany	
Title: Current-measure Section				
Author: Robocup		Rev: C		www.bit-bots.de info@bit-bots.de
Date: 01.04.2015	Time: 19:27:49	Sheet 5	of 7	

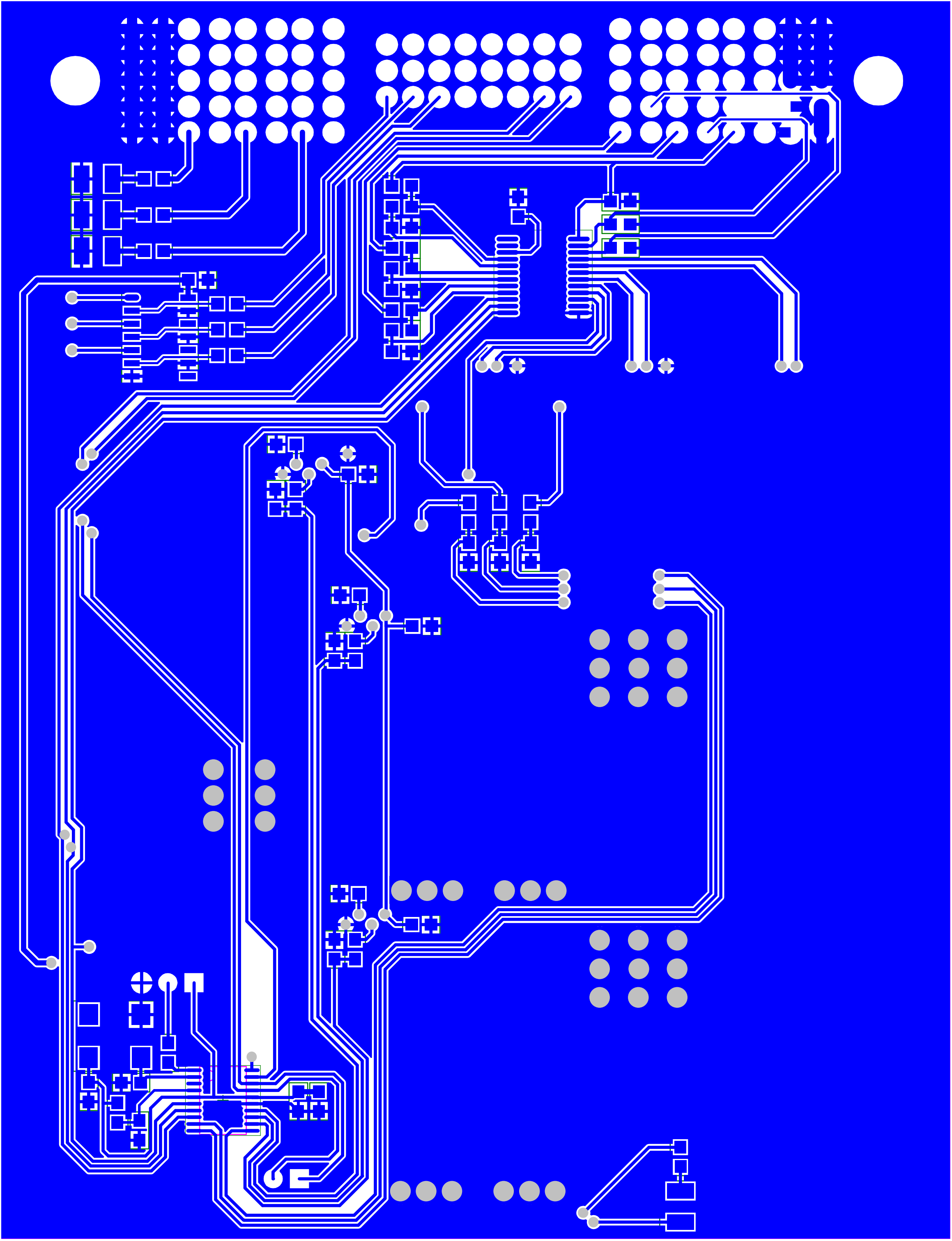


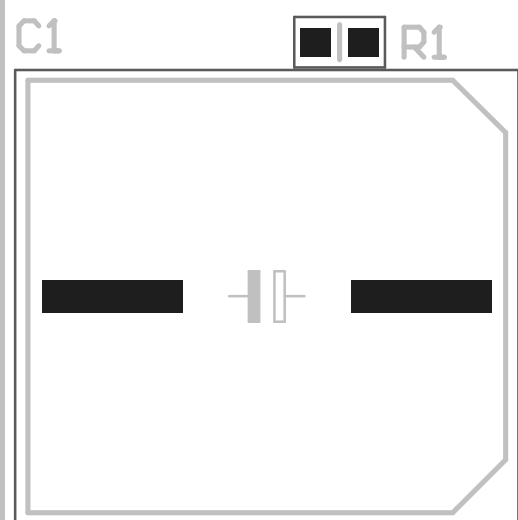
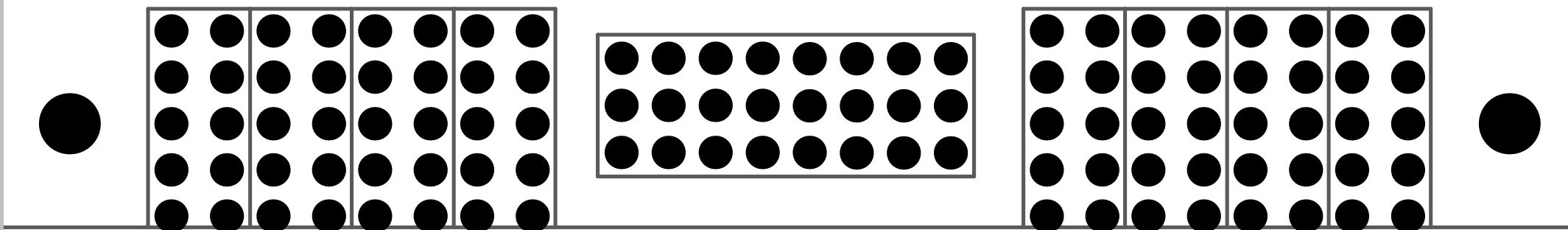


Project: Powerboard.PrjPcb		<i>Hamburg Bit-Bots Vogi-Kölln-Str. 30 225257 Hamburg Germany</i> <i>www.bit-bots.de info@bit-bots.de</i>	
Title: LED Driver Section			
Author: Robocup	Rev: C		
Date: 01.04.2015 Time: 19:27:49	Sheet 7 of 7		



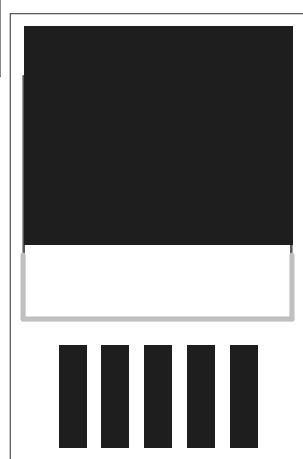
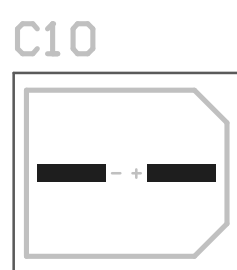
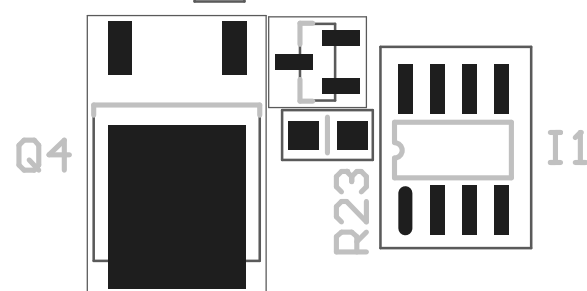
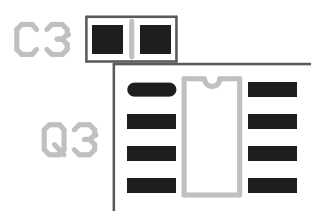
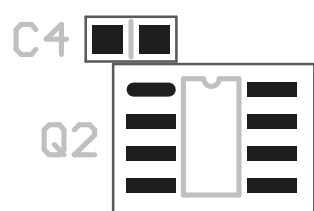
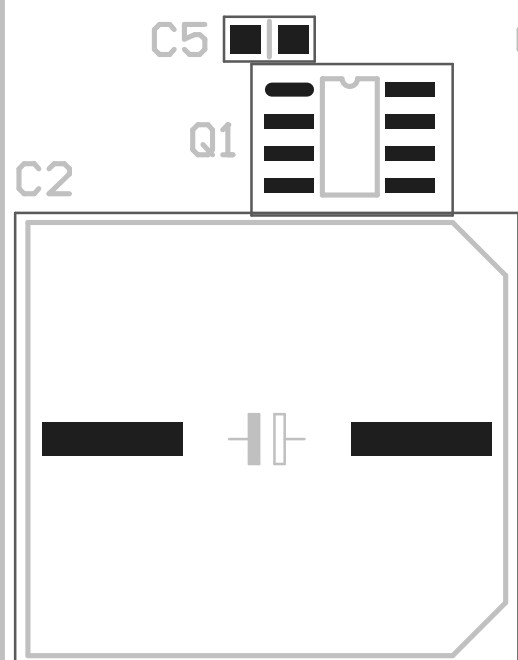
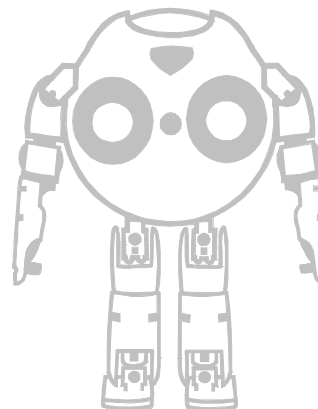




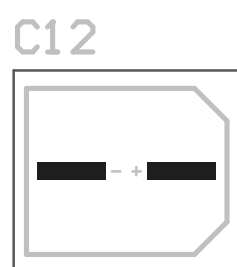
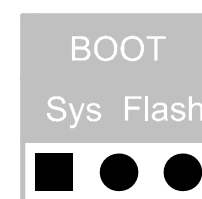
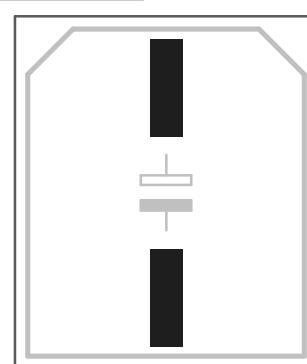
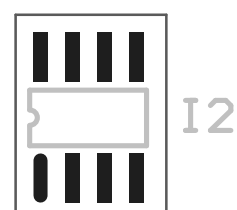
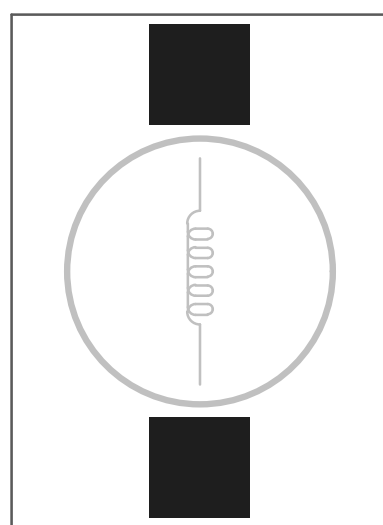


CN1

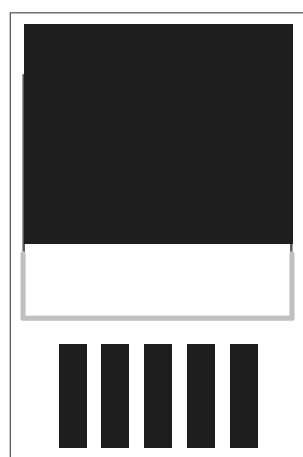
Hamburg
Bit-Bots
Powerboard
REV C



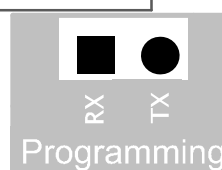
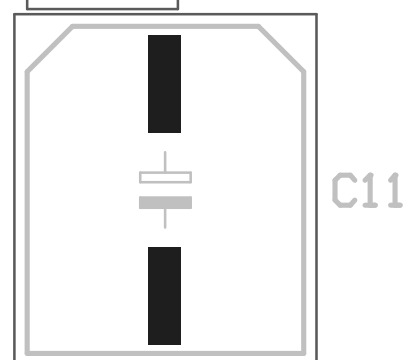
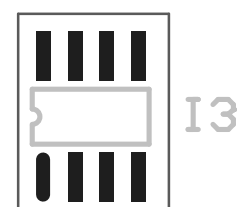
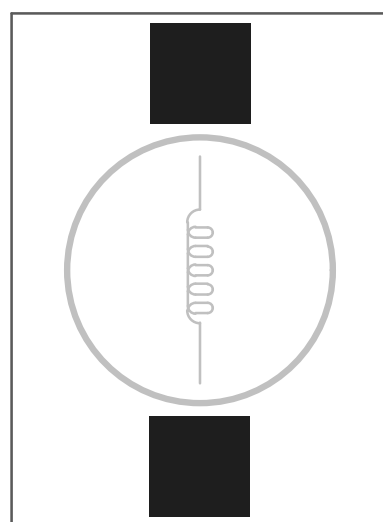
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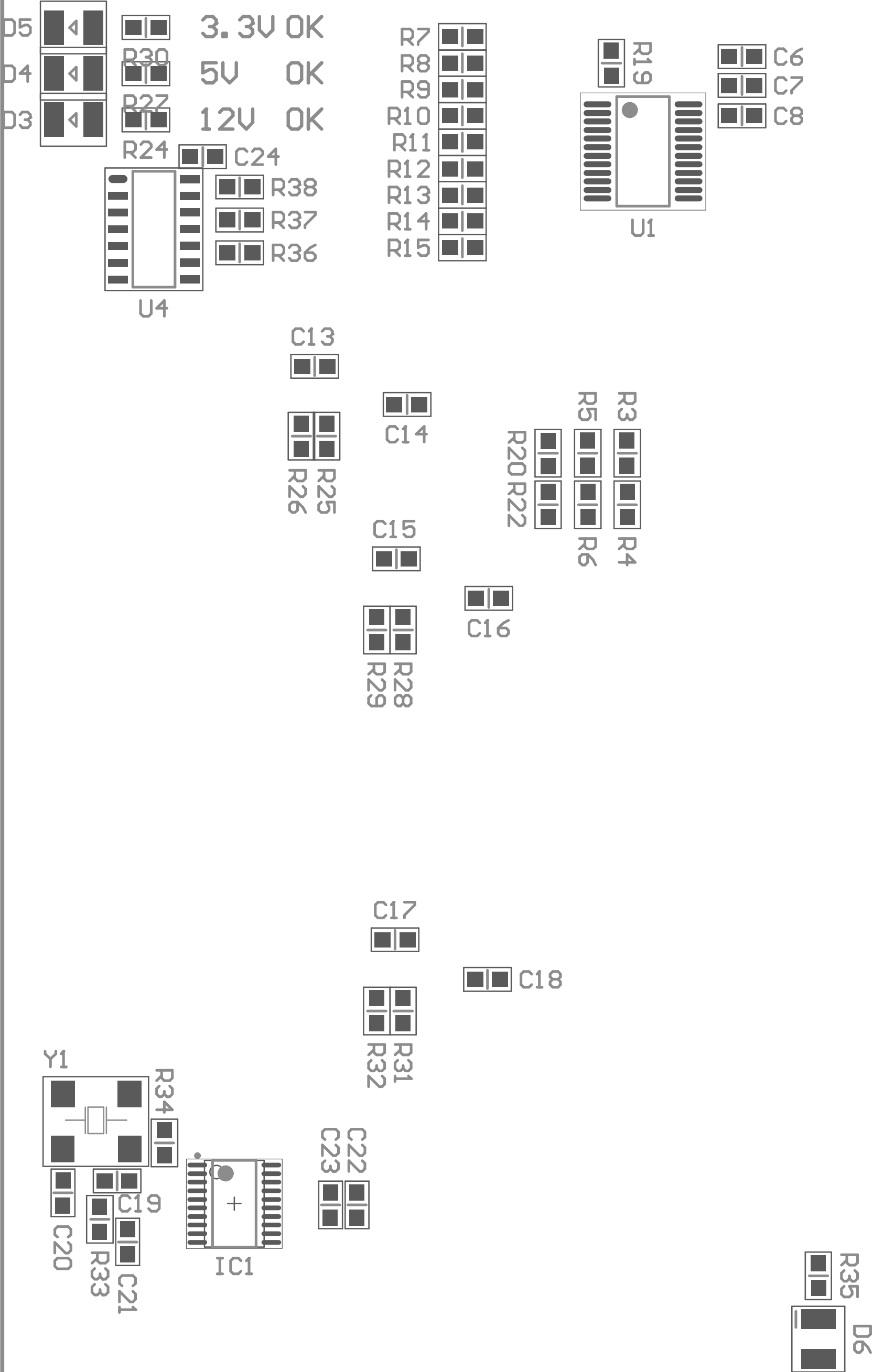


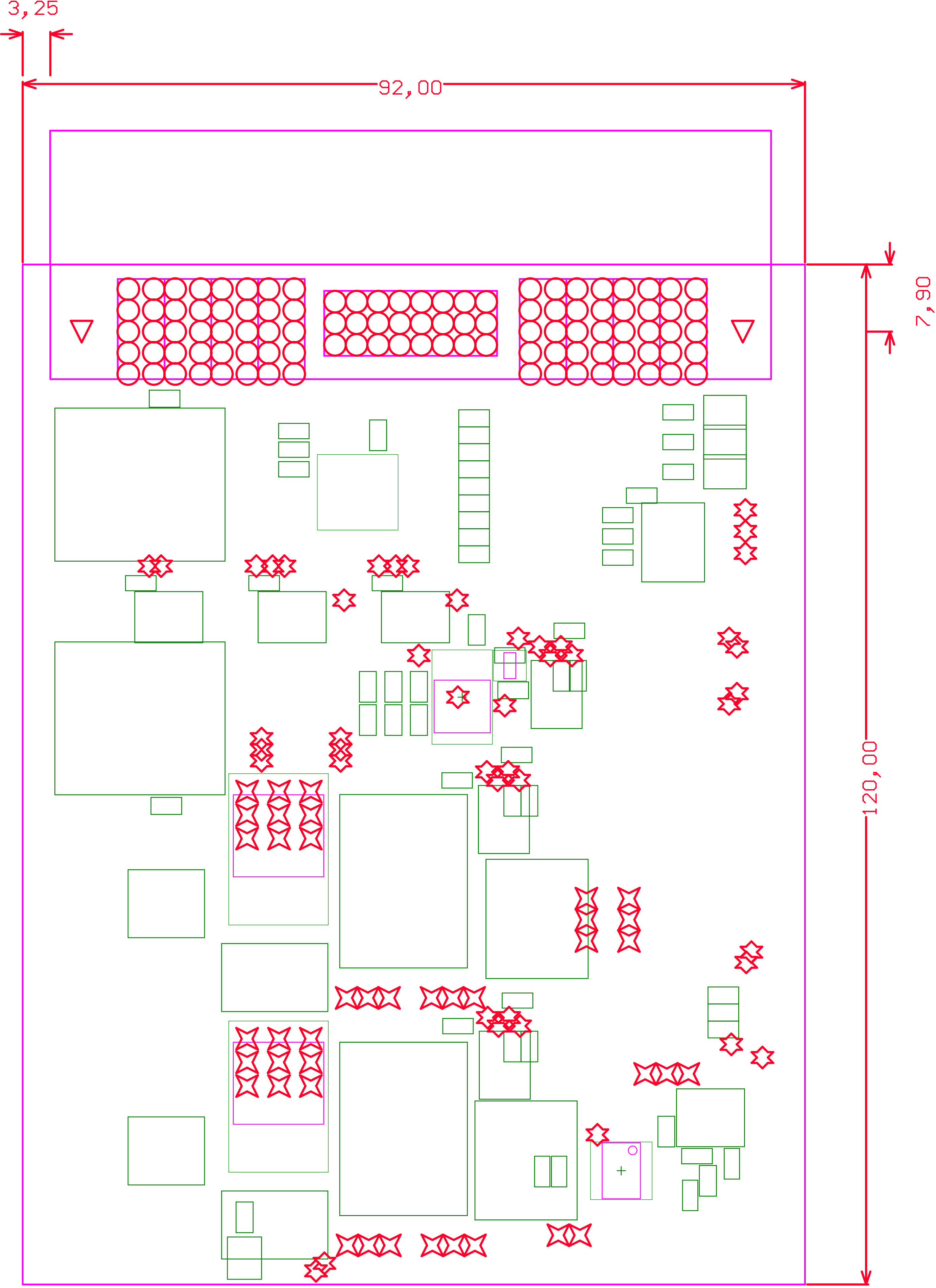
U3



D2







Symbol	Hit Count	Finished Hole Size	Plated	Hole Type
▽	2	3,3000mm	NPTH	Round
✕	41	1,0000mm	PTH	Round
☆	46	0,5000mm	PTH	Round
○	104	1,1000mm	PTH	Round
193 Total				

Layer	Name	Material	Thickness	Constant	Board Layer Stack
1	Top Overlay				/ / / / / / / / / /
2	Top Solder	Solder Resist	0,010mm	3,5	
3	Top Layer	Copper	0,070mm		/ / / / / / / / / /
4	Dielectric 1	FR-4	1,390mm	4,6	
5	Bottom Layer	Copper	0,070mm		/ / / / / / / / / /
6	Solder Side	Solder Resist	0,010mm	3,5	
7	Bottom Overlay				/ / / / / / / / / /

