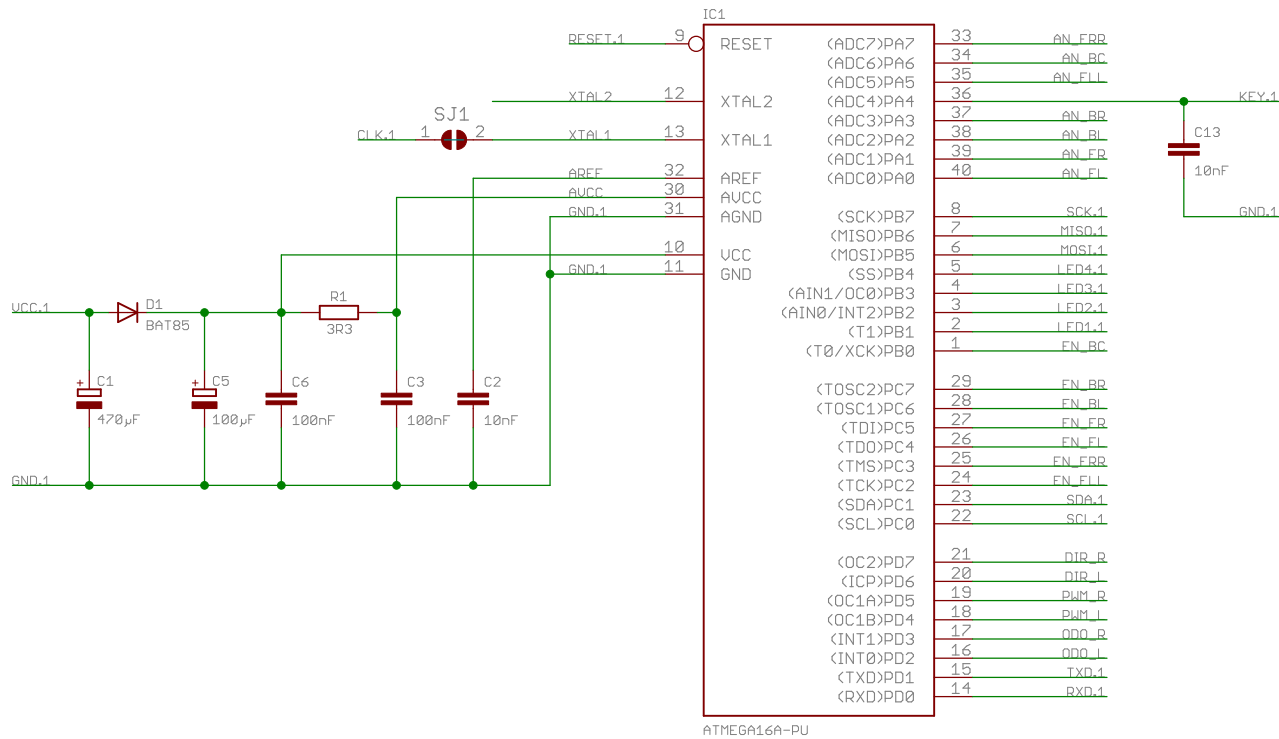
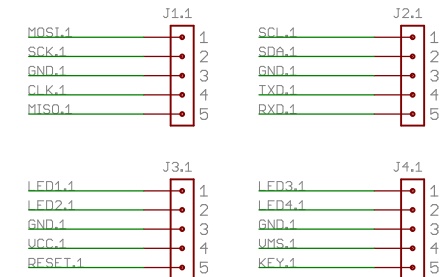


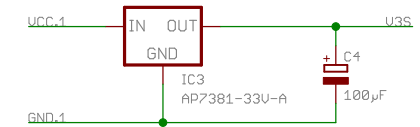
Microcontroller



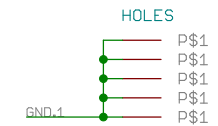
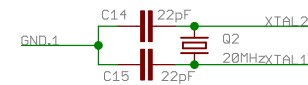
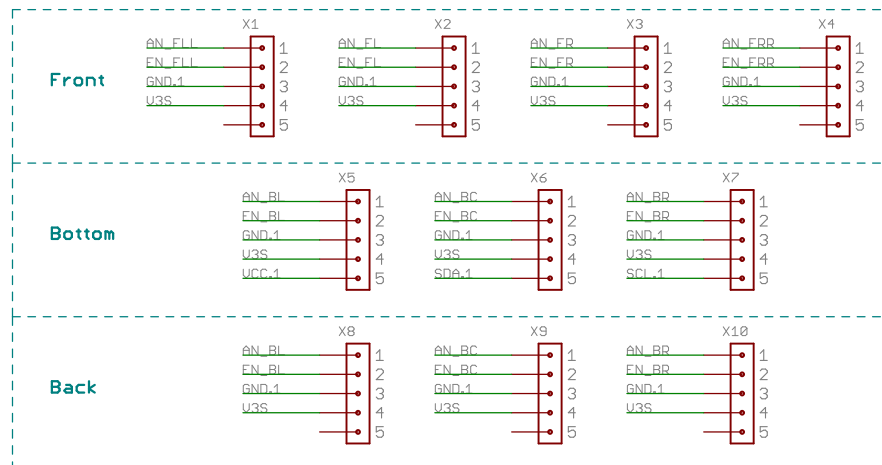
Upper board connections



3.3V Stabilized Sensor Power



Sensor Slots



Project: NIBO-burger

REV: V1.11

Board 1: CPU, Connectors

Info: <http://www.nicai-systems.com>

[HTTPS://Q.NICAI.EU/](https://q.nicai.eu/)

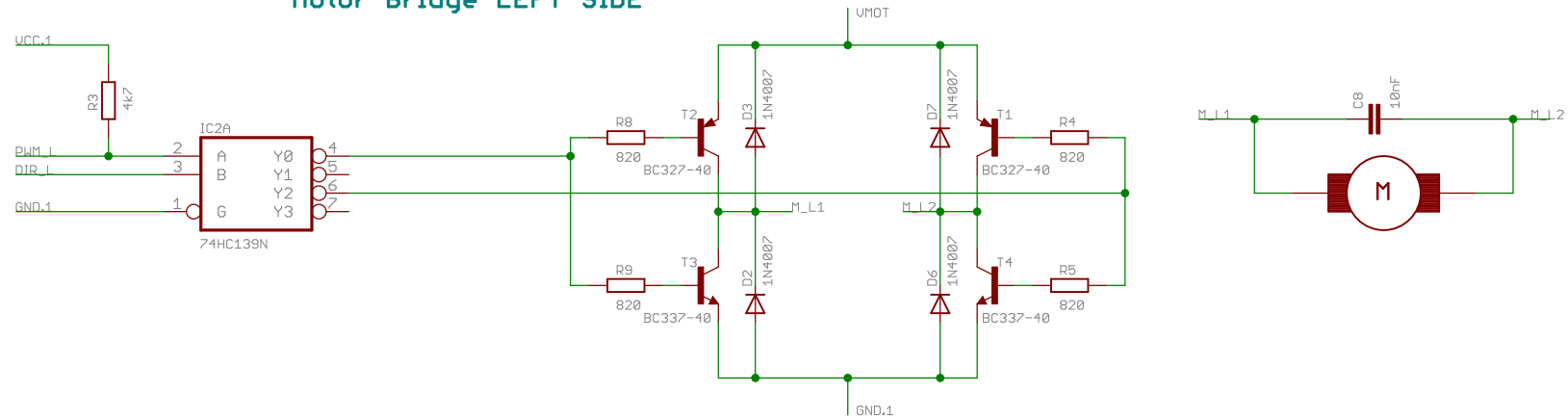
Engineer: Nils Springob

S9CU0

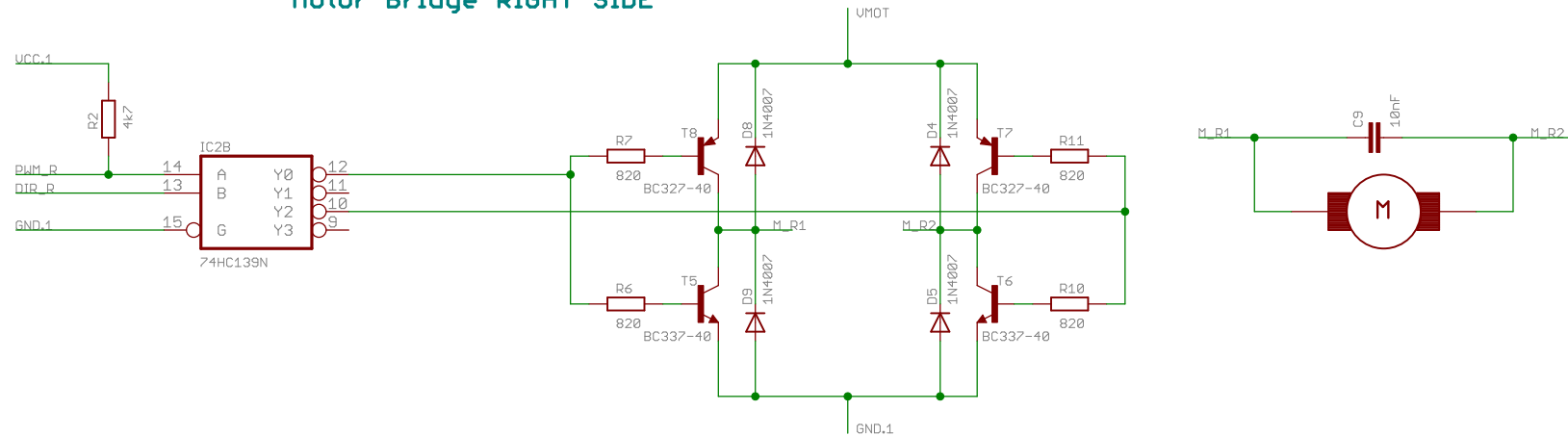
Date: 11.07.26 11:47

Sheet: 1/4

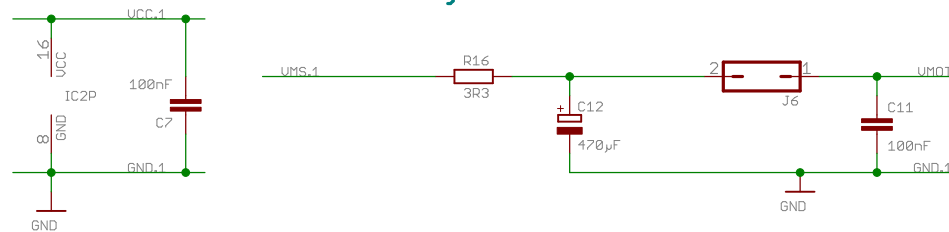
Motor Bridge LEFT SIDE



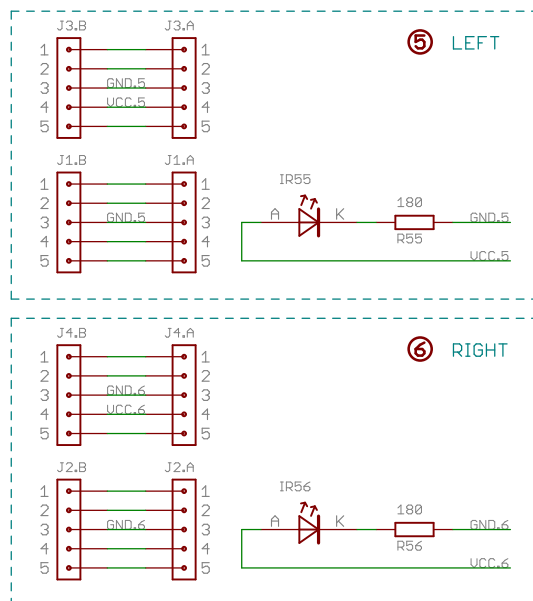
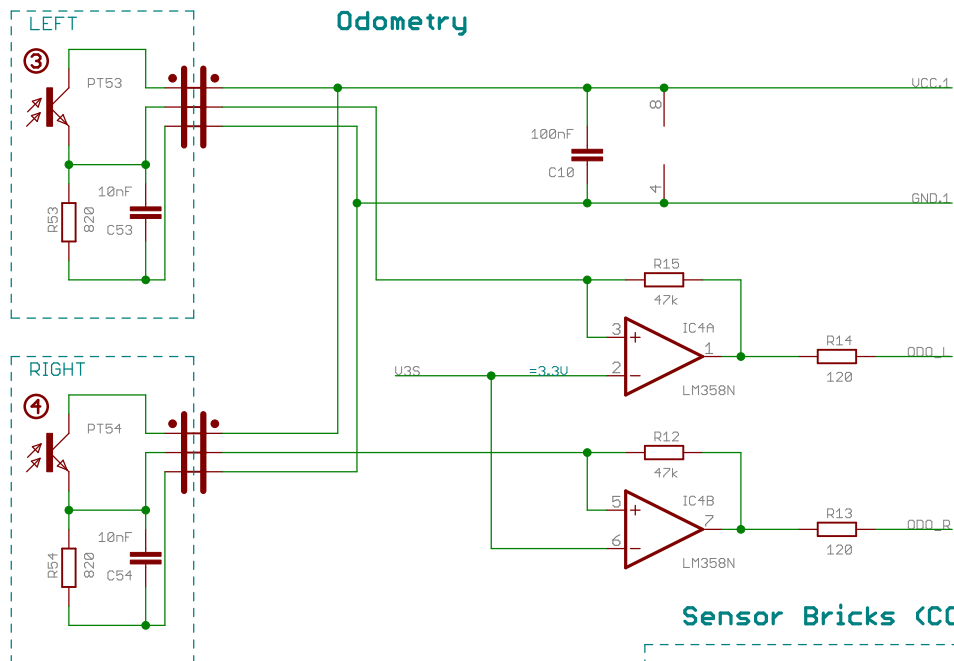
Motor Bridge RIGHT SIDE



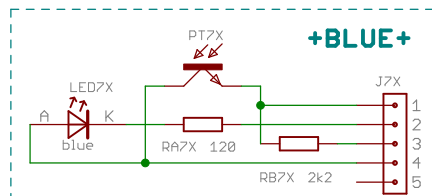
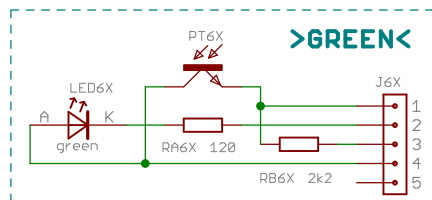
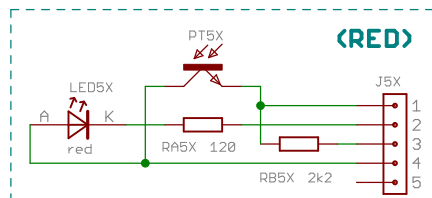
Motor Bridge POWER



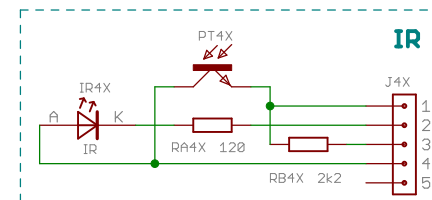
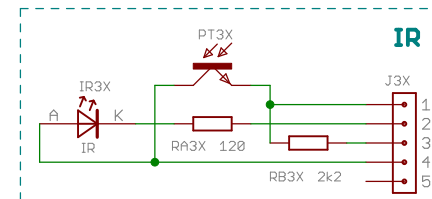
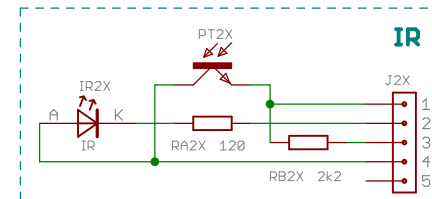
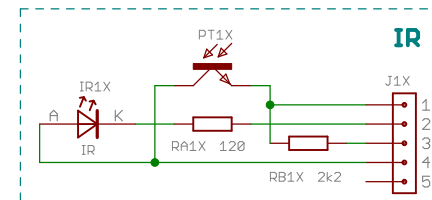
Project: NIB0-burger	REV: V1.11
Board 1: Motor control	
Info: http://www.nicai-systems.com	HTTPS://Q.NICAI.EU/S9CU0
Engineer: Nils Springob	
Date: 11.07.26 11:47	Sheet: 2/4



Sensor Bricks (COLOUR)



Sensor Bricks (IR)



- 1: A - Sensor Signal
- 2: D - LED (low-active)
- 3: GND - Ground
- 4: V3S - Supply Voltage
- 5: n.c. - not connected

Project: NIBO-burger	REV: V1.11
Board 1: Odometry Boards 3, 4, 5, 6 and Sensor Bricks	
Info: http://www.nicai-systems.com	HTTPS://Q.NICAI.EU/S9CU0
Engineer: Nils Springob	
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