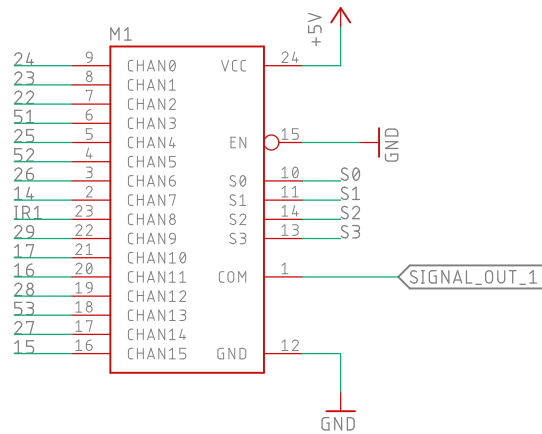
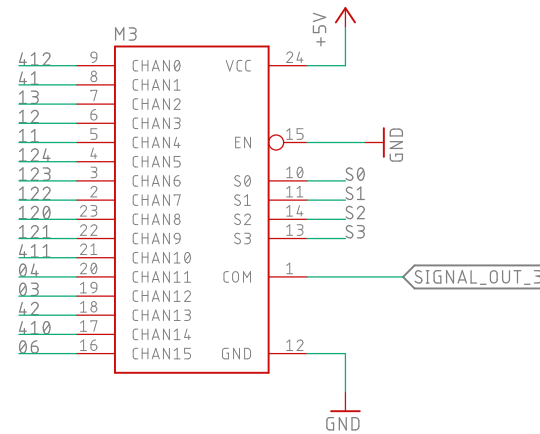


MUX0



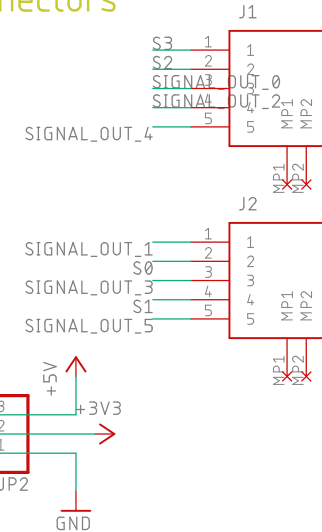
MULTIPLEXER_MUX-74HC4067SMD

MUX1

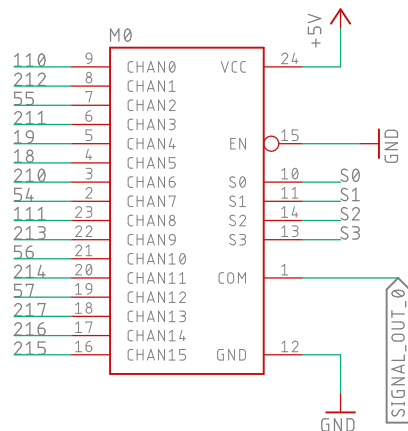


MULTIPLEXER_MUX-74HC4067SMD

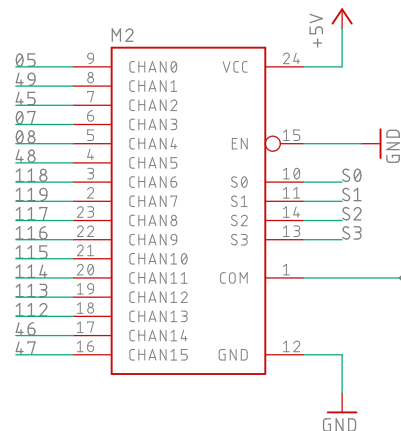
Connectors



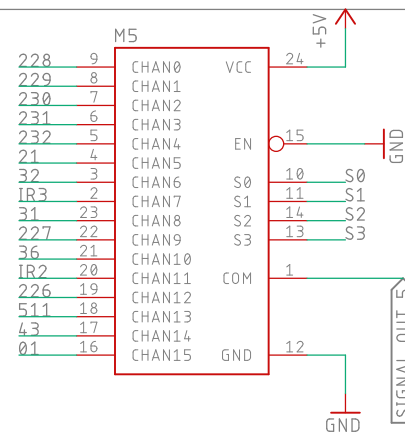
MUX2, MUX3, MUX4 & MUX5



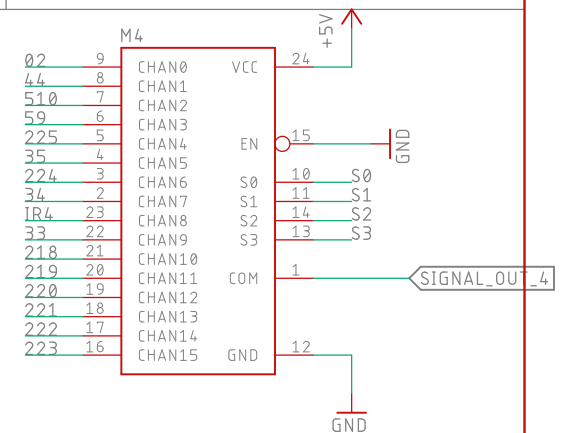
MULTIPLEXER_MUX-74HC4067SMD



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MULTIPLEXER_MUX-74HC4067SMD

MultiCB LOGO

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TITLE: Lineboard
Team Faabs, designed by: Mark Krause & Fabian Brune

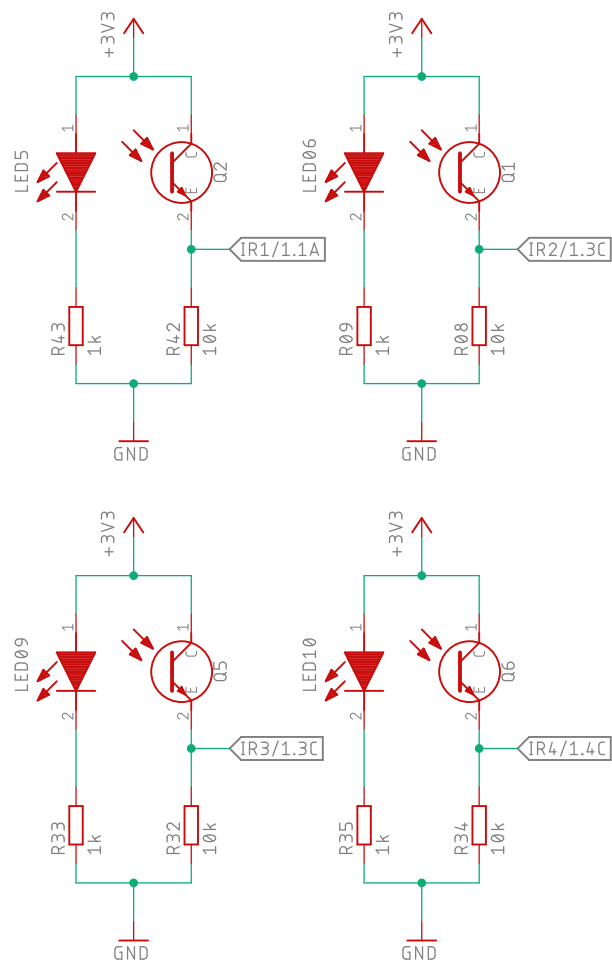
Document Number:

REV:
v1

Date: nicht gespeichert!

Sheet: 1/3

For outer ring of Sensors



Phototransistors: AP2012P3C-P22
IR-Emitter: SFH4656Z

connected to Mux
adapted from LNX Robots to test out IR

small LED for 5V monitoring



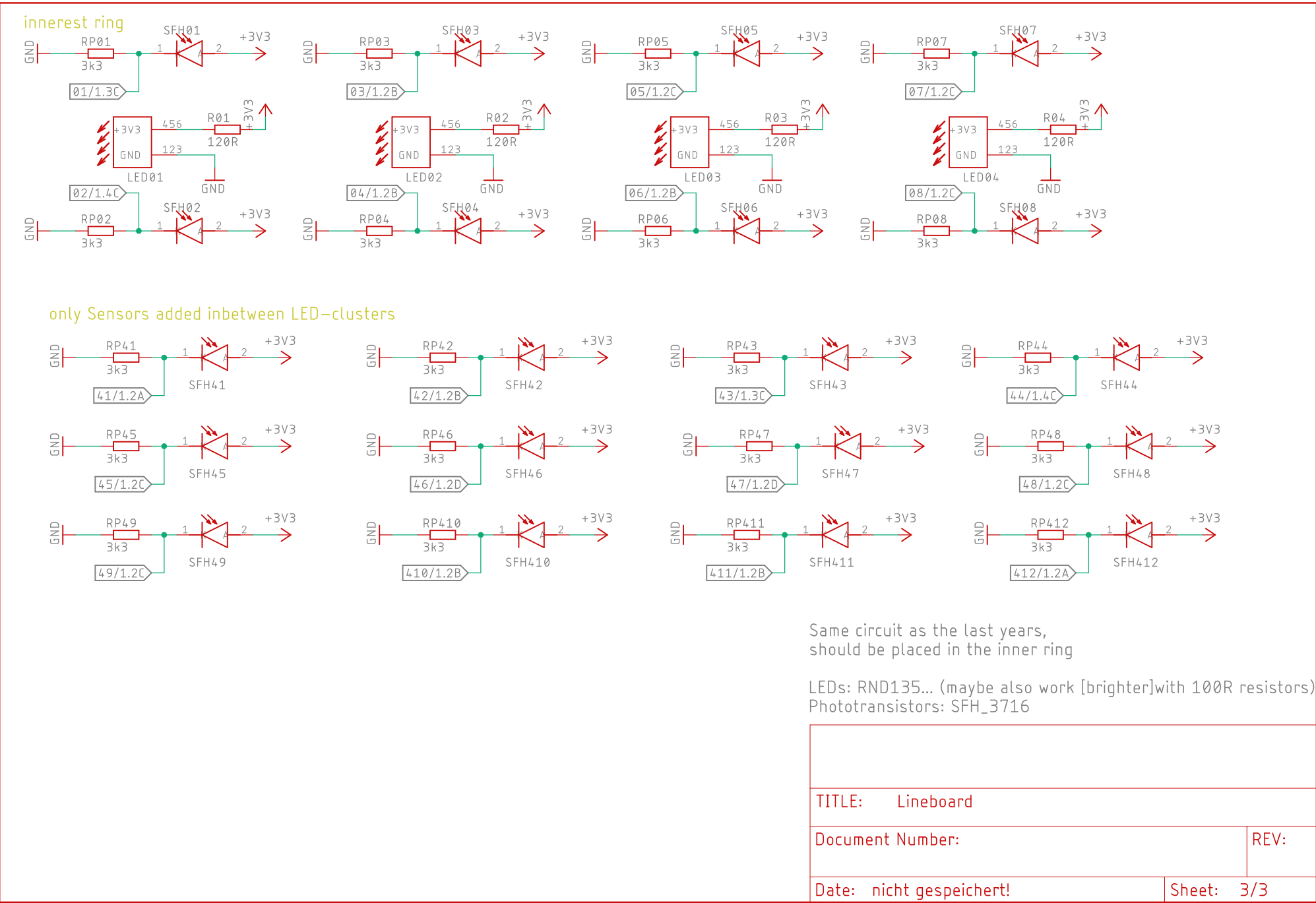
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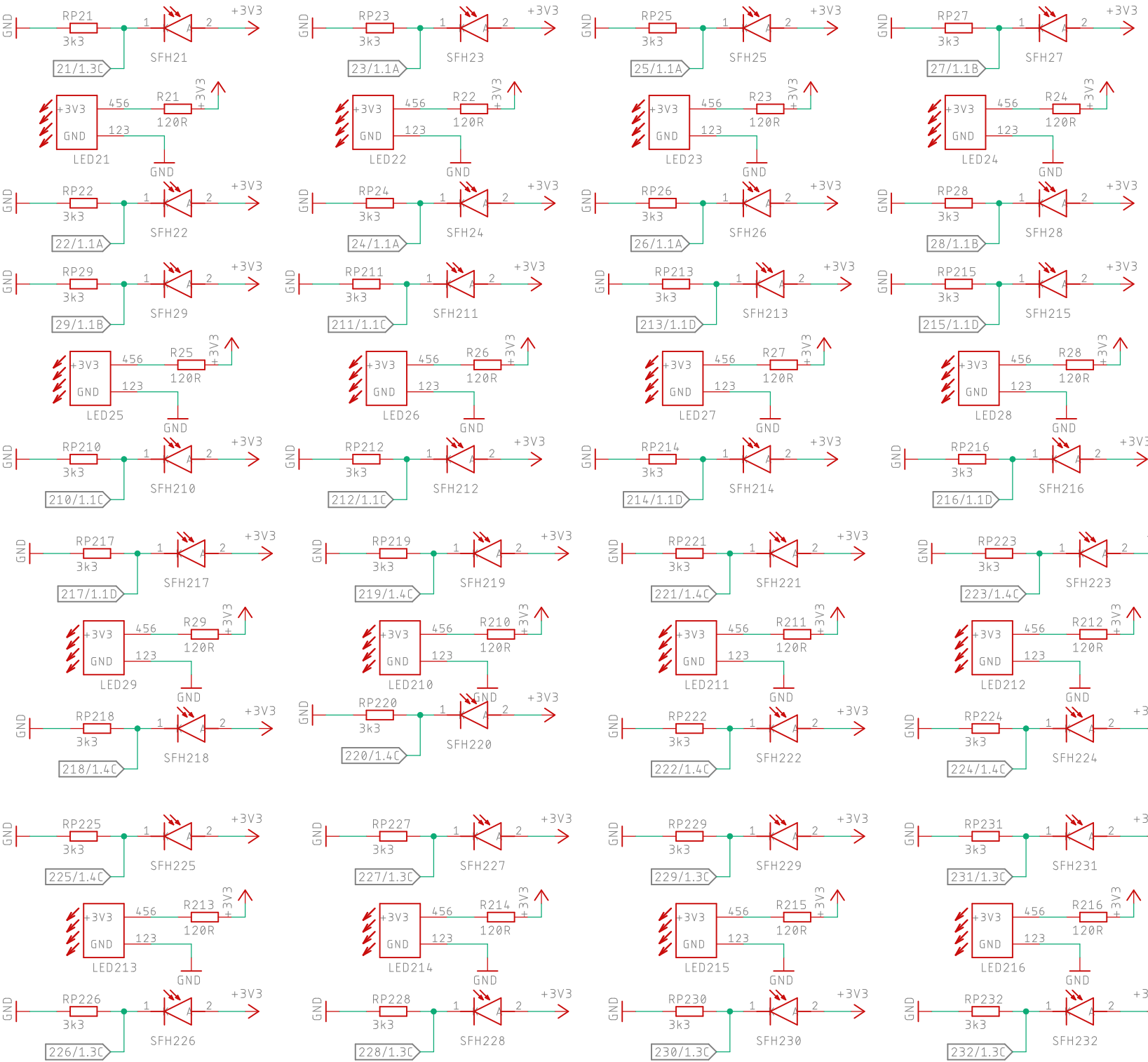
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V1

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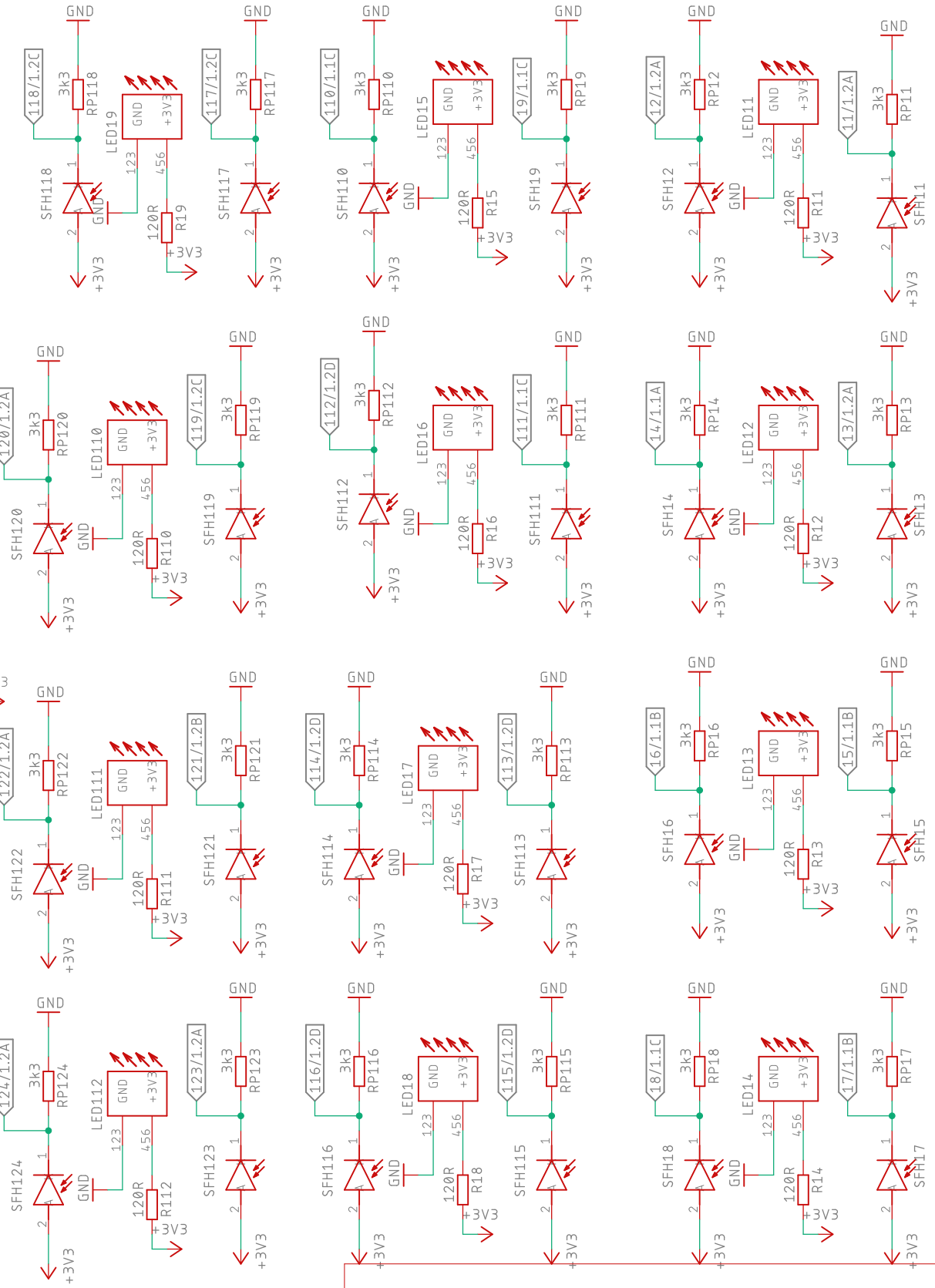
Sheet: 2/3



biggest ring-arrangement with 16 LEDs and 32 Sensors

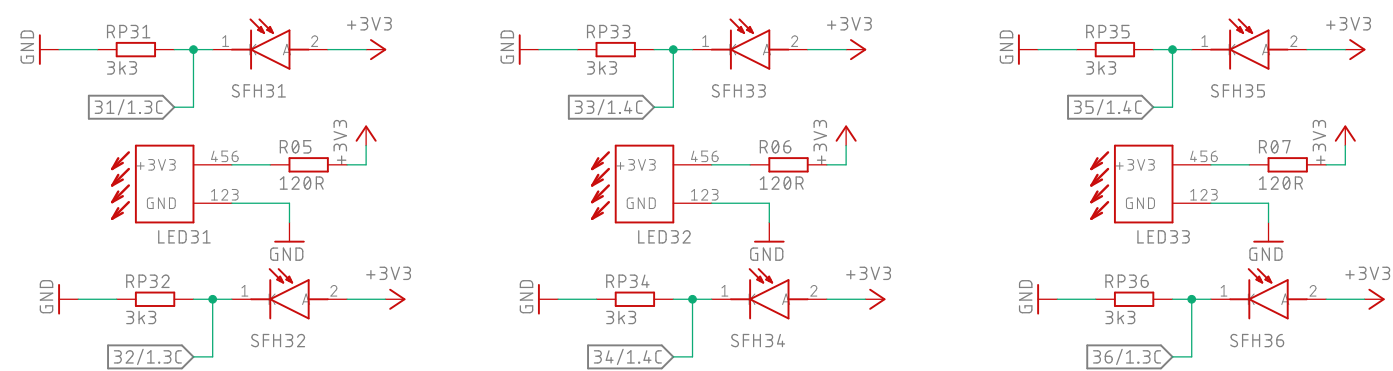


second big LED+sensor ring

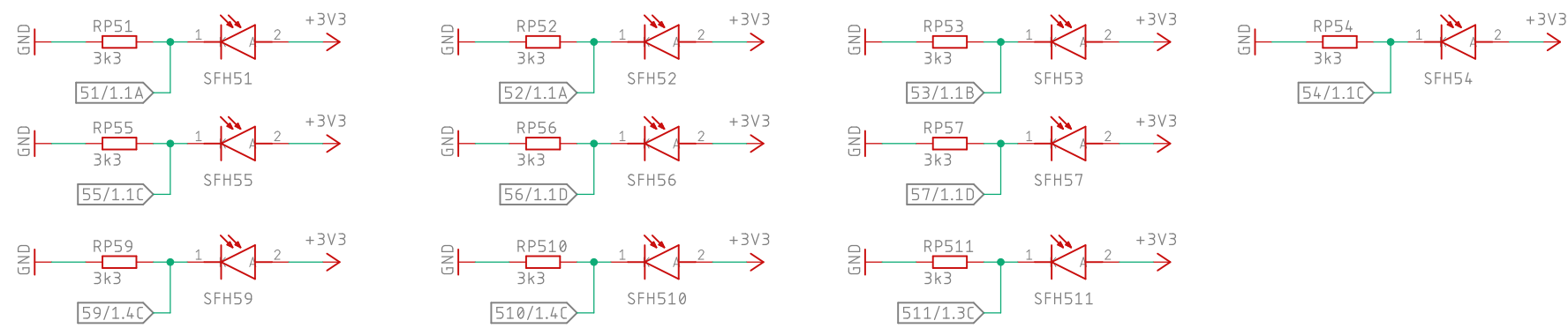


TITLE: Lineboard	
Document Number:	REV:
Date: nicht gespeichert!	Sheet: 3/3

farest outside LEDs



only Sensors added inbetween LED-clusters



TITLE: Lineboard

Document Number:

REV:

Date: nicht gespeichert!

Sheet: 3/3