

A

A

B

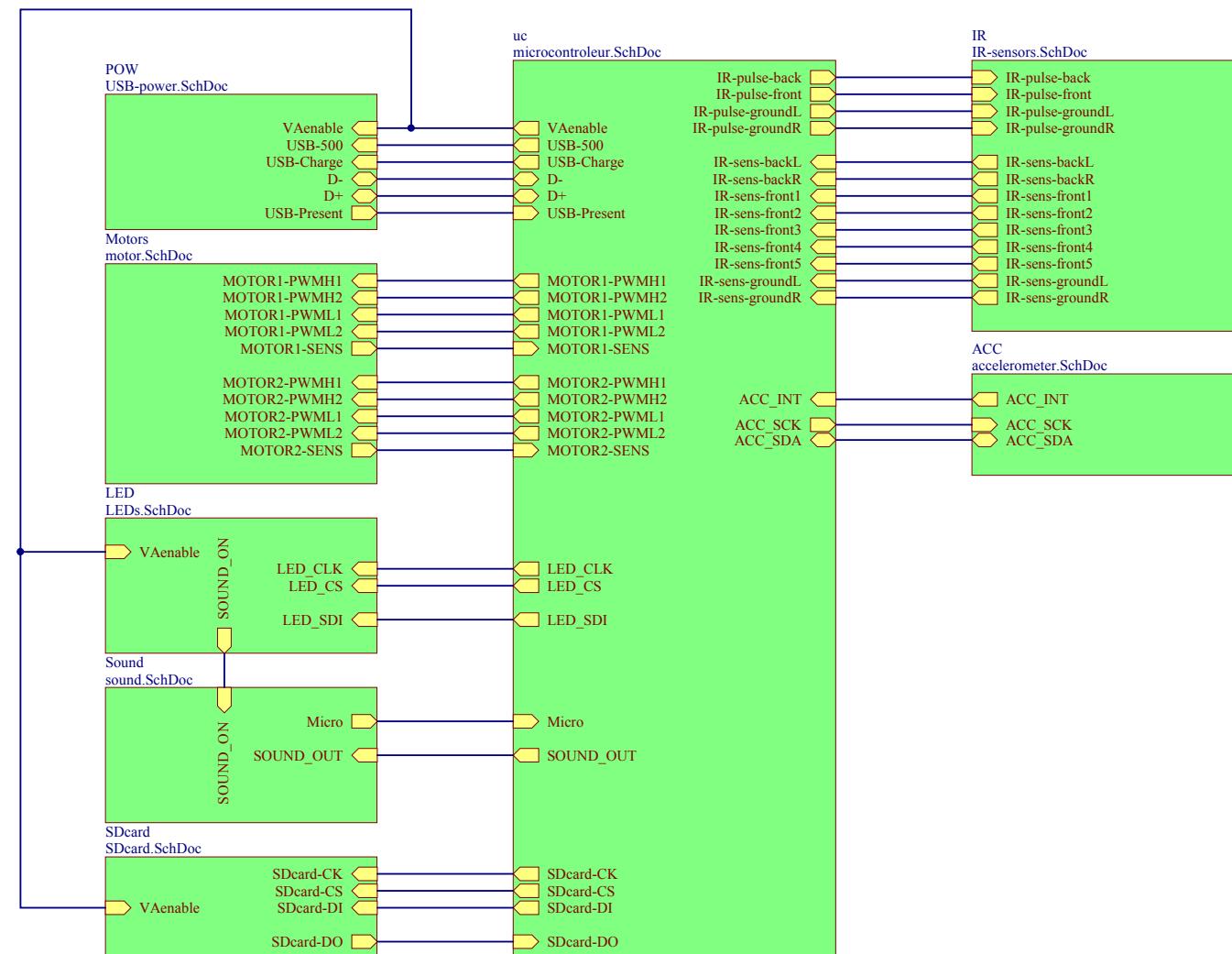
B

C

C

D

D

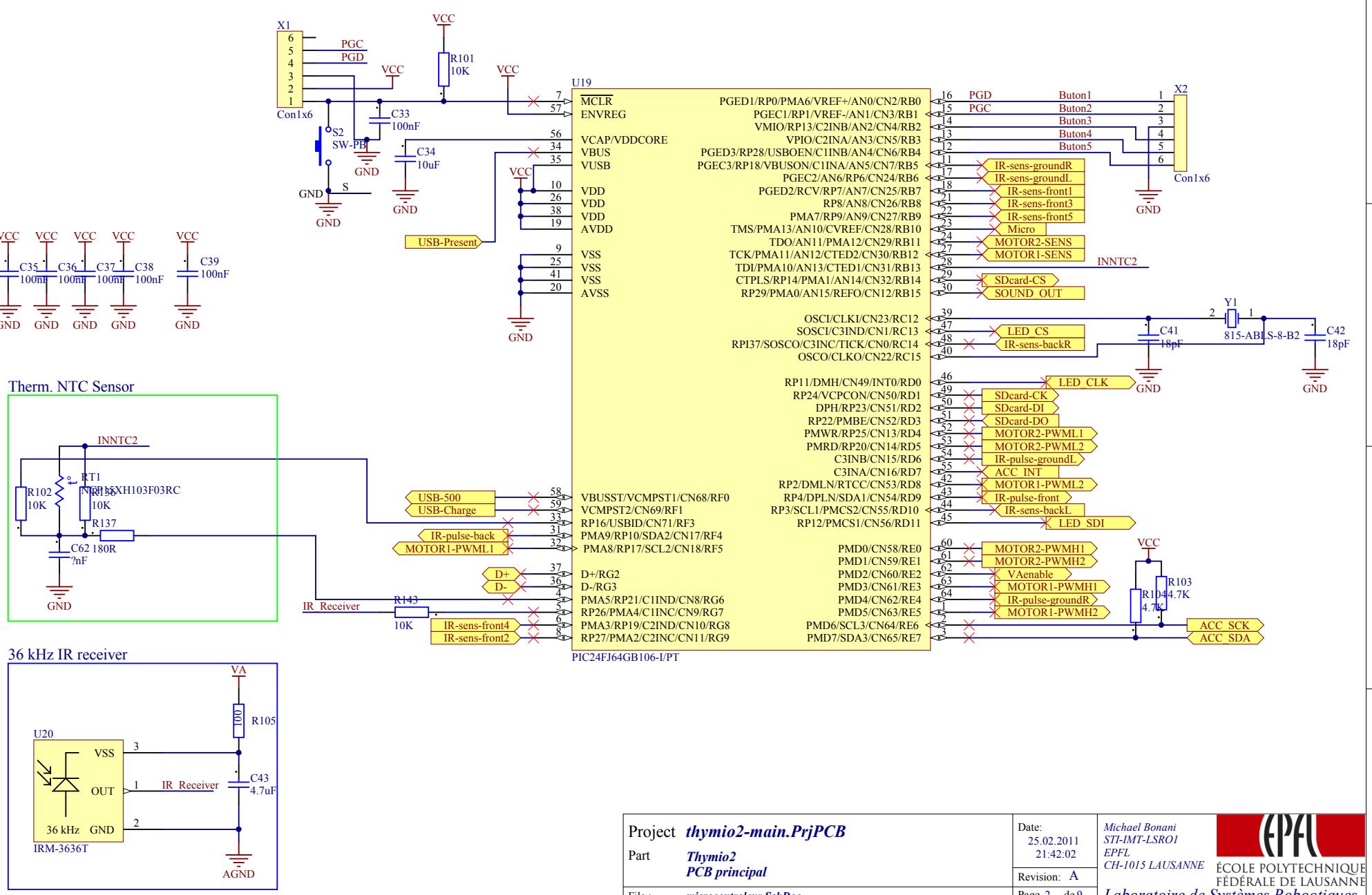
Project **thymio2-main.PnjPCB**Part **Thymio2
PCB principal**File : **thymio2-main.SchDoc**Date:
25.02.2011
21:42:02Michael Bonani
STI-IMT-LSRO1
EPFL
CH-1015 LAUSANNE

ÉCOLE POLYTECHNIQUE

FÉDÉRALE DE LAUSANNE

Revision: A

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Project *thymio2-main.PrjPCB*
Part *Thymio2*
PCB revision 1

File: [mision-control.mun.SchRe](#)

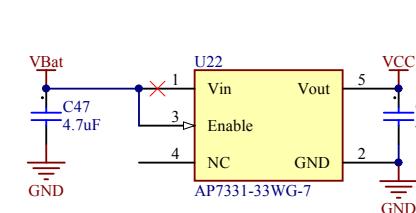
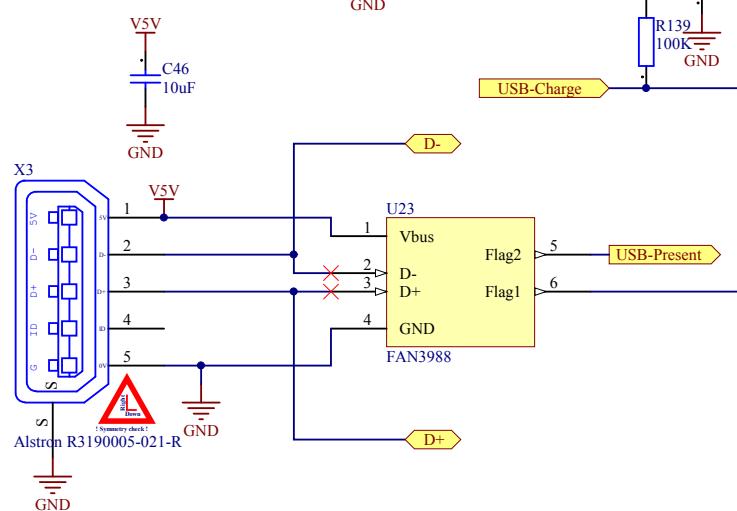
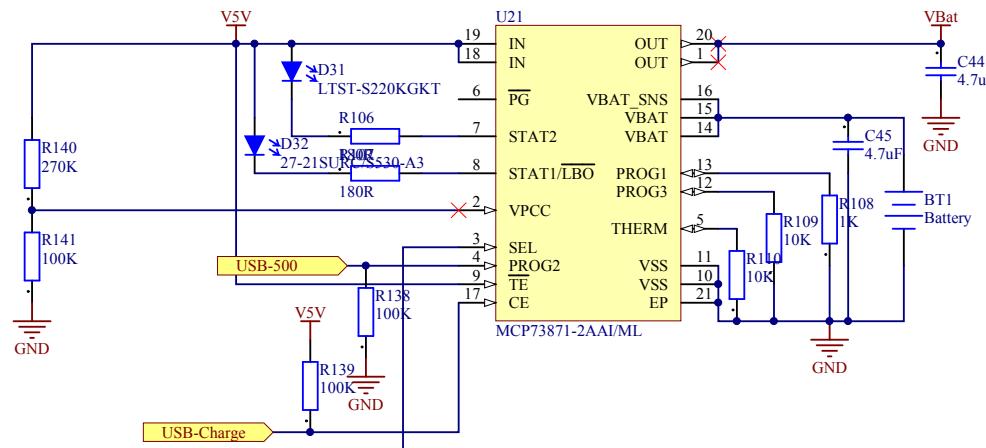
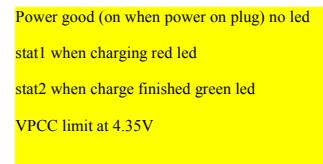
Date:
25.02.2011
21:42:02

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CH-1015 LAUSANNE*

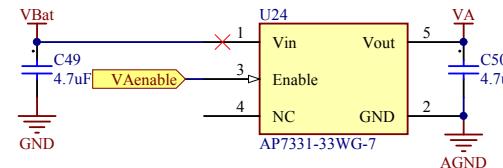


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300mA max
 1x pic24F = 24 mA
 13x led 20mA = 260mA
 1 MMA7660 = 47uA
 3 shift register 160uA = 0.48mA



AGND : Analog Ground GND : Logical Ground

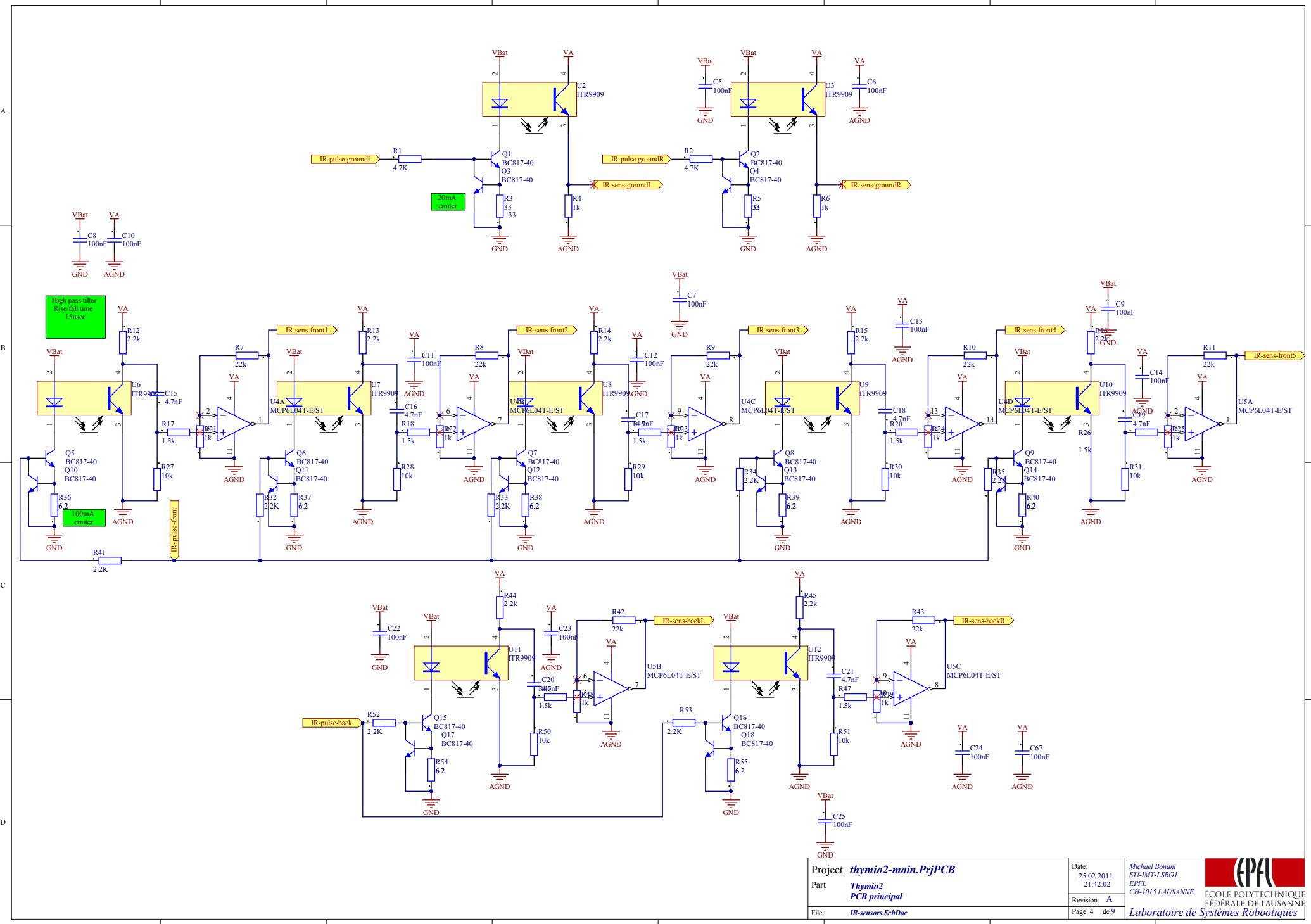
The diagram shows a horizontal line representing a connection between two ground symbols. Above the line, the text "AGND : Analog Ground" and "GND : Logical Ground" is centered. Below the line, there are two ground symbols: one labeled "AGND" and one labeled "GND". A small rectangular component labeled "SC2" is positioned below the line, with its top terminal connected to the line and its bottom terminal connected to the "GND" ground symbol.

Project ***thymio2-main.Pcb***
Part ***Thymio2***
 PCB principal
File : ***USB-power.SchDoc***

2011
02
Michael Bonani
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EPFL
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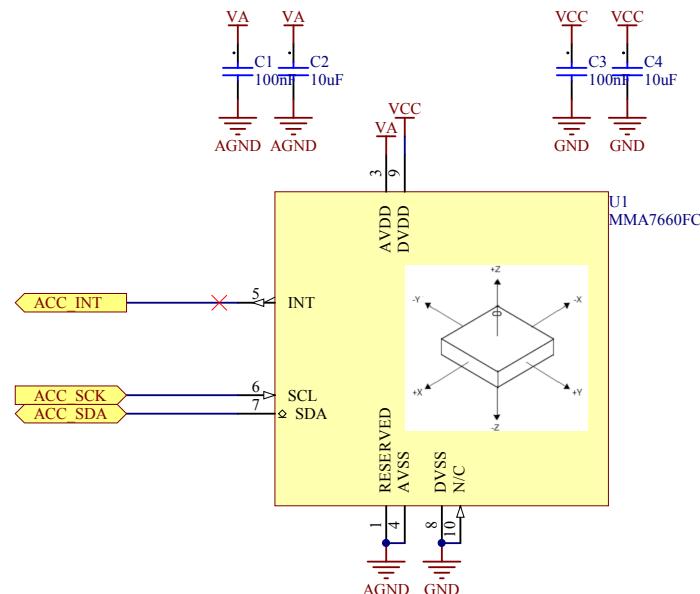


A de 9 **CH-1015 LAUSANNE** ÉCOLE POLYTECHNIQUE
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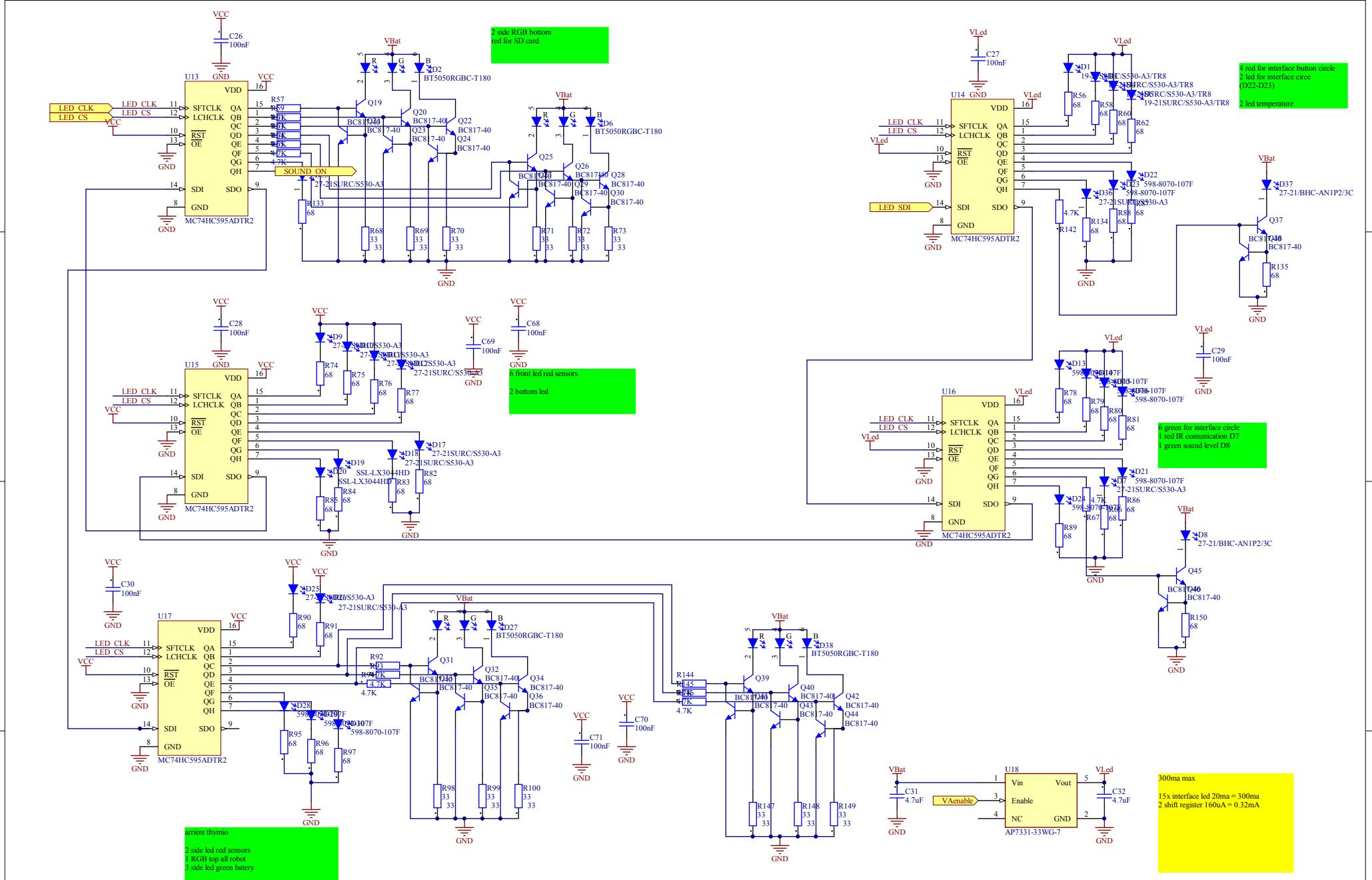
A

A

Project *thymio2-main.PrjPCB*Part *Thymio2
PCB principal*File : *accelerometer.SchDoc*Date:
25.02.2011
21:42:02Michael Bonani
STI-IMT-LSRO1
EPFL
*

*

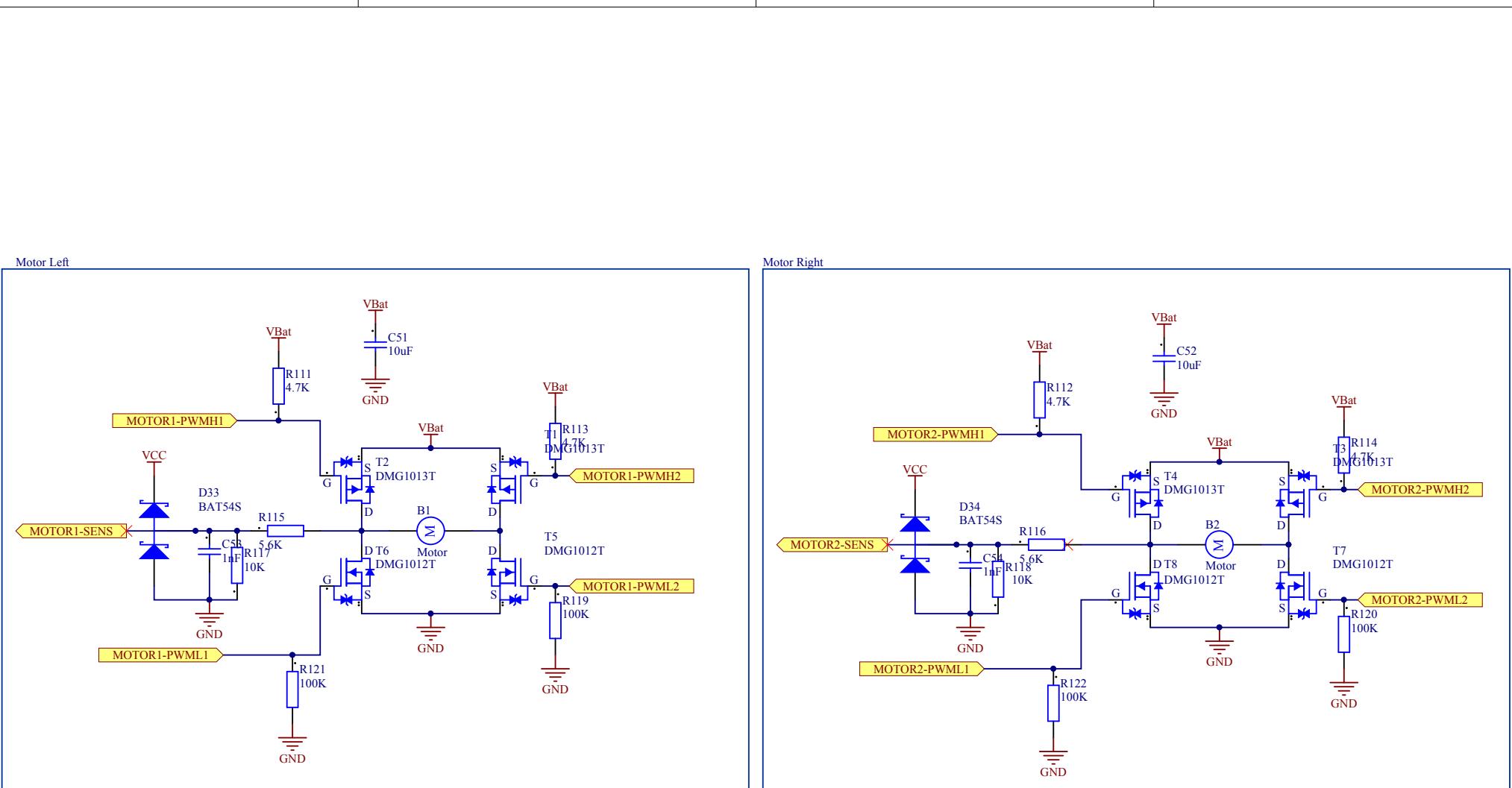




Project **thymio2-main.PrjPCB**
 Part **Thymio2**
PCB principal
 File : **LEDs.SchDoc**

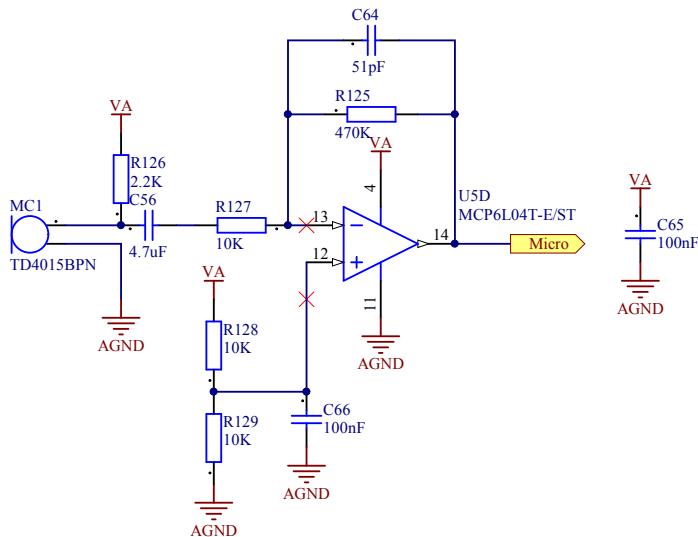
Date: 25.02.2011
 21:42:03
 Michael Bonani
 STI-JMT-LSROJ
 EPFL
 *
 Revision: *
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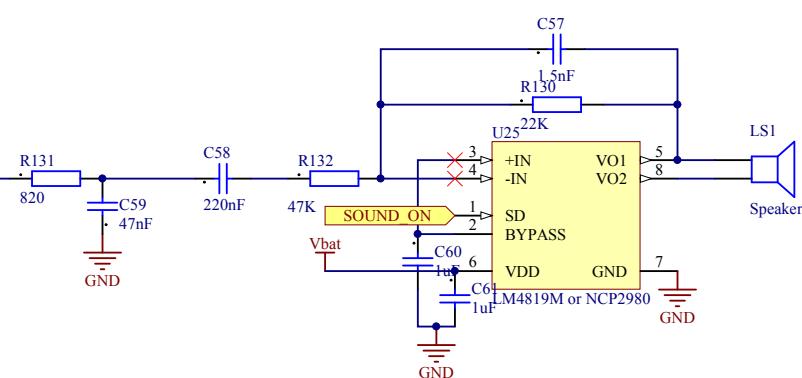


Project	<i>thymio2-main.PrjPCB</i>	Date:	<i>Michael Bonani</i>	
Part	<i>Thymio2</i>	<u>25.02.2011</u>	<i>STI-IMT-LSRO1</i>	ÉCOLE POLYTECHNIQUE
	<i>PCB principal</i>	<u>21:42:03</u>	<i>EPFL</i>	
File :	<i>motor.SchDoc</i>	Revision: <u>A</u>	<i>CH-1015 LAUSANNE</i>	FÉDÉRALE DE LAUSANNE
		Page <u>7</u> de 9	Laboratoire de Systèmes Robotiques	

A



B



D

Project <i>thymio2-main.PrjPCB</i>	Date: 25.02.2011 21:42:03
Part <i>Line 1 of project part</i>	
<i>Line 2 of project part</i>	

File : sound.SchDoc

Revision: A
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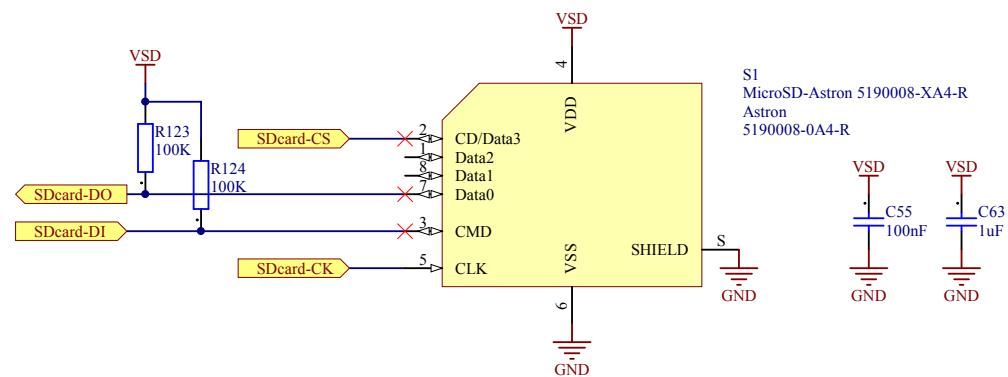


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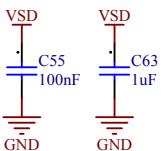
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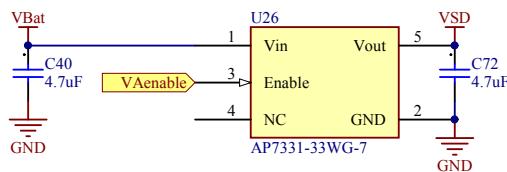


S1
MicroSD-Astron 5190008-XA4-R
Astron
5190008-0A4-R



C

C



D

D

Project *thymio2-main.PnjPCB*

Part *Line 1 of project part*
Line 2 of project part

File : *SDcard.SchDoc*

Date:
25.02.2011
21:42:03

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