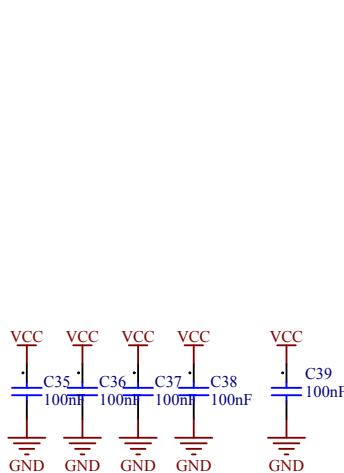
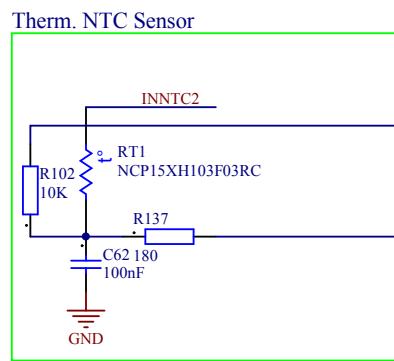


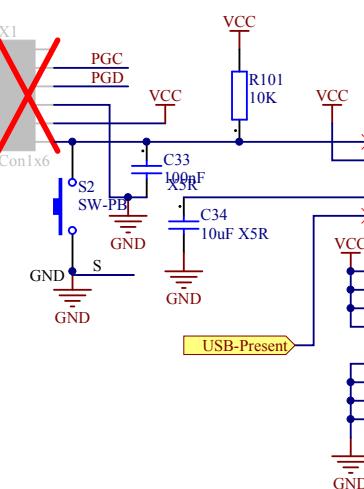
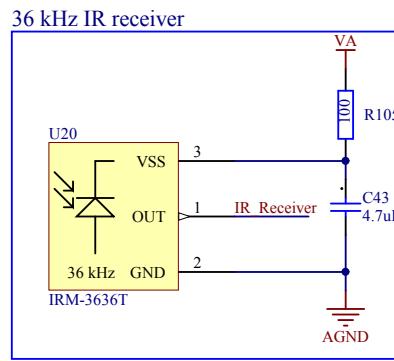
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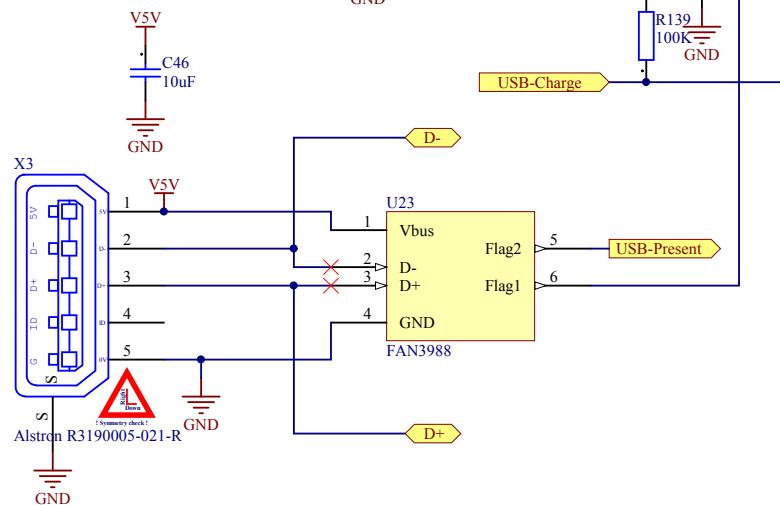
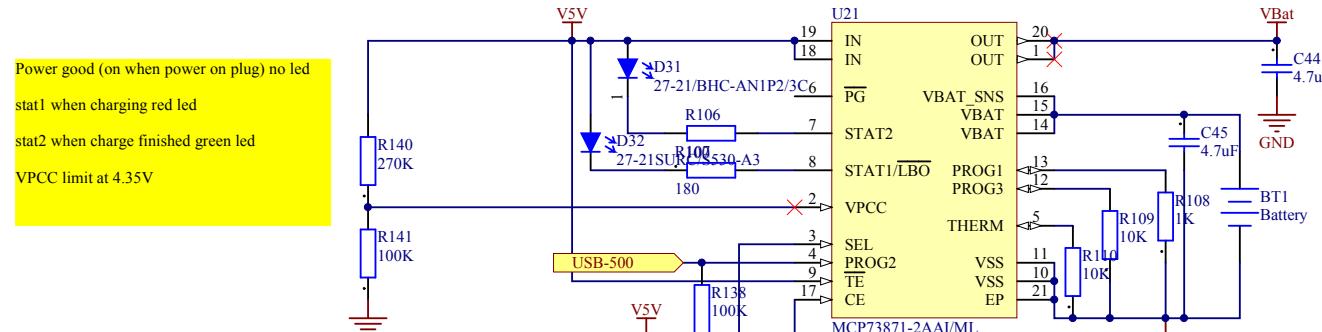
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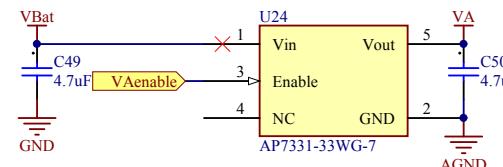
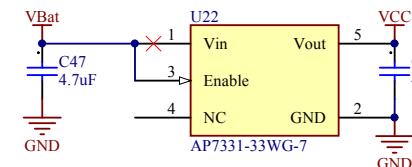
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ENVREG	PGED3/RP28/USBOEN/C1INB/AN4/CN6/RB4	PGEC3/RP18/VBUSON/C1INA/AN5/CN7/RB5	PGEC2/AN6/RP6/CN24/RB6	VBUS
VCAP/VDDCORE	PGED2/RCV/RP7/AN7/CN25/RB7	PGEC2/AN7/RP8/CN26/RB8	TMS/PMA13/AN10/CVREF/CN28/RB9	VDD
VBUS	PGED3/RP9/AN9/CN27/RB9	PMA7/RP9/AN9/CN27/RB9	TDO/AN11/PMA12/CN29/RB11	VDD
VUSB	TCK/PMA11/AN12/CTED2/CN30/RB12	TDI/PMA10/AN13/CTED1/CN31/RB13	CTPLS/RP14/PMA1/AN14/CN32/RB14	VDD
VDD	RP29/PMA0/AN15/REF0/CN12/RB15	RP29/PMA0/AN15/REF0/CN12/RB15	RP29/PMA0/AN15/REF0/CN12/RB15	AVDD
VDD	OSCI/CLKI/CN23/RC12	RPI37/SOSCO/C3INC/TICK/CN0/RC14	OSCO/CLKO/CN22/RC15	VSS
VDD	SOSC/C3IND/CN1/RC13	OSCO/CLKI/CN23/RC12	RP11/DMH/CN49/INT0/RD0	VSS
AVDD	RPI37/SOSCO/C3INC/TICK/CN0/RC14	OSCO/CLKO/CN22/RC15	RP24/VCPCON/CN50/RD1	AVSS
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	RP3/SCL1/PMCS2/CN55/RD10	RP3/SCL1/PMCS2/CN55/RD10	RP12/PMCS1/CN56/RD11	

A



300ma max

1x pic24F	= 24 mA
13x led 20mA	= 260mA
1 MMA7660	= 47 μ A
3 shift register	160 μ A = 0.48mA



AGND : Analog Ground GND : Logical Ground

X1 SC2

AGND GND

Project thymio2-main.PrcPCB

Part Thymio2
PCB principal

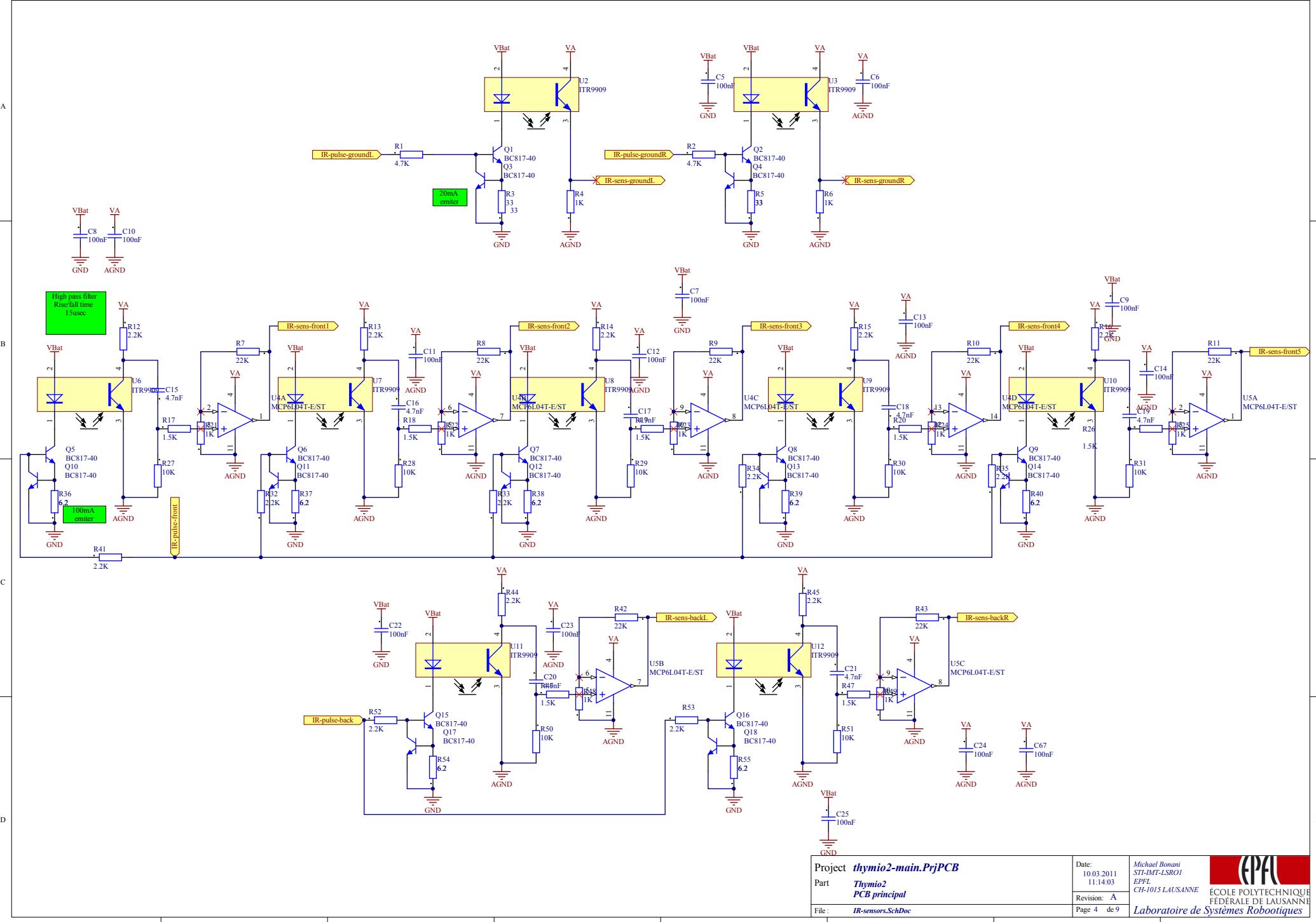
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10.03.2011
11:14:03

Michael Bonani
STI-IMT-LSRO1
EPFL
CH-1015 LAUSANNE

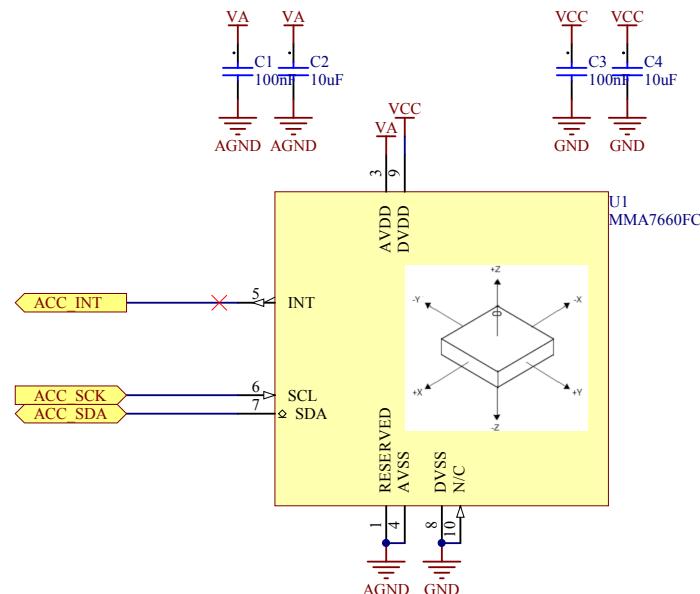


ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE
Laboratoire de Systèmes Robootiques



A

A



B

B

C

C

D

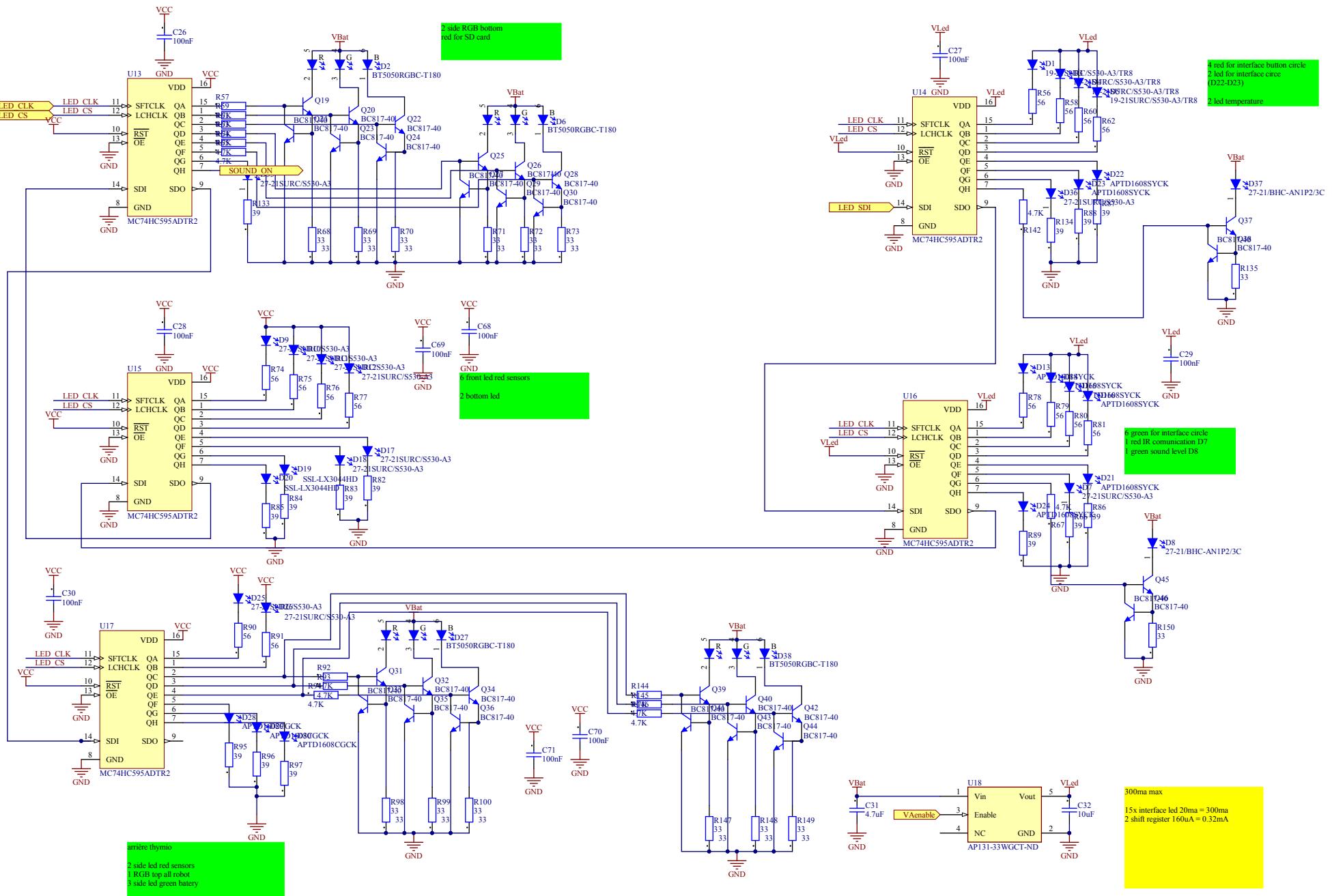
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Revision: *

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Michael Bonani
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EPFL
*



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Part **Thymio2**
PCB principal
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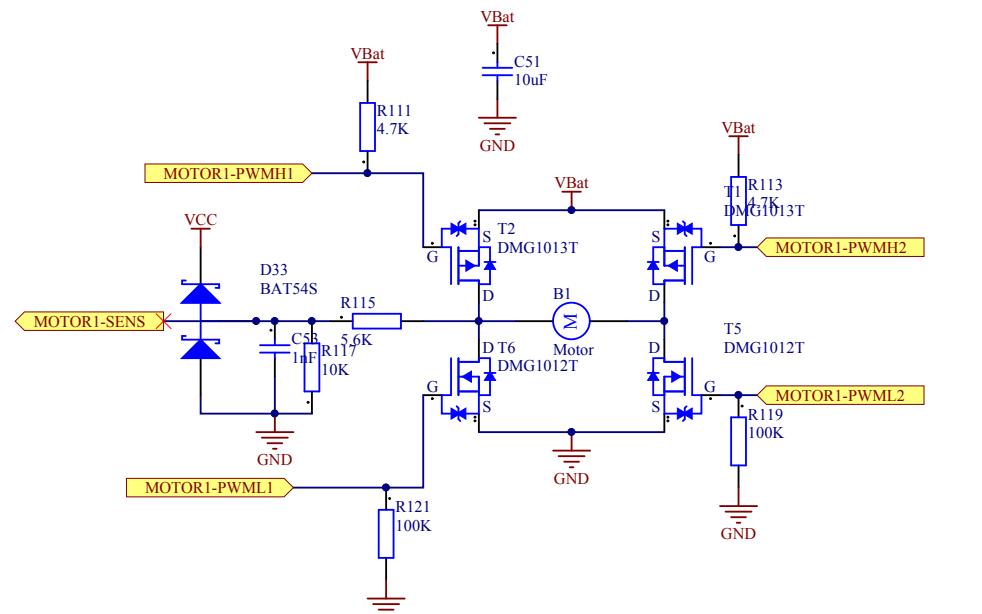
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Michael Bonani
STI-JMT-LSROJ
EPFL
Revision: *
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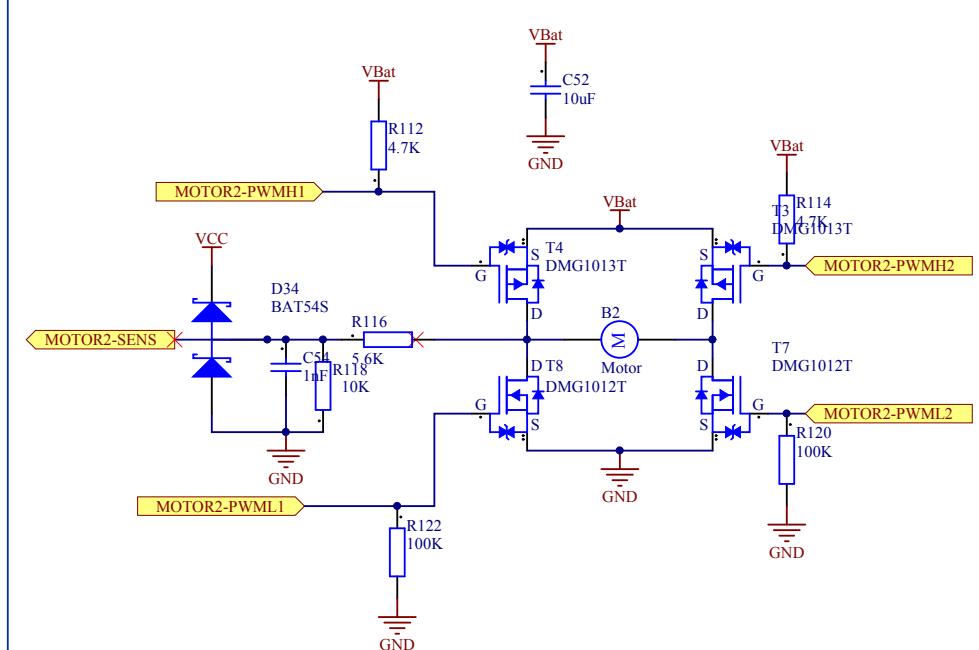
A

A

Motor Left



Motor Right



B

B

C

C

D

D

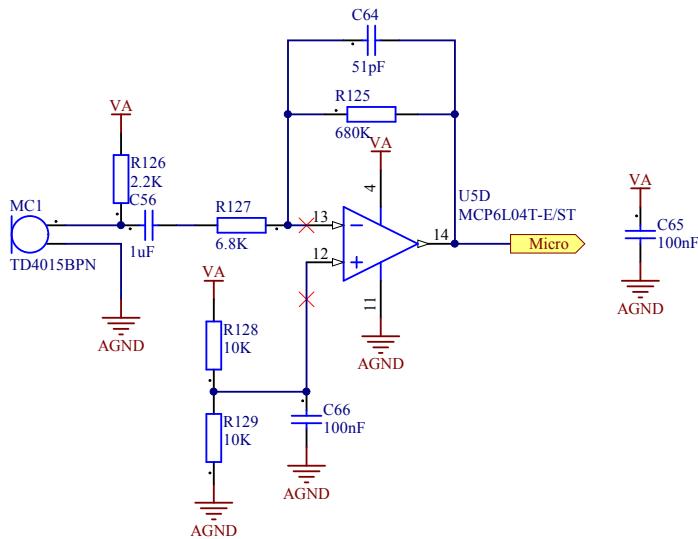
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STI-IMT-LSRO1
EPFL
CH-1015 LAUSANNE

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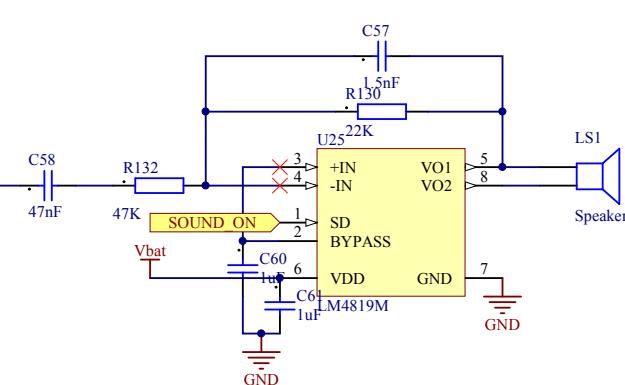
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Line 1 of project part
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10.03.2011
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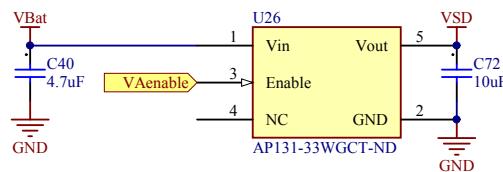
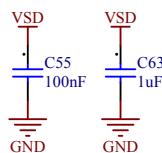
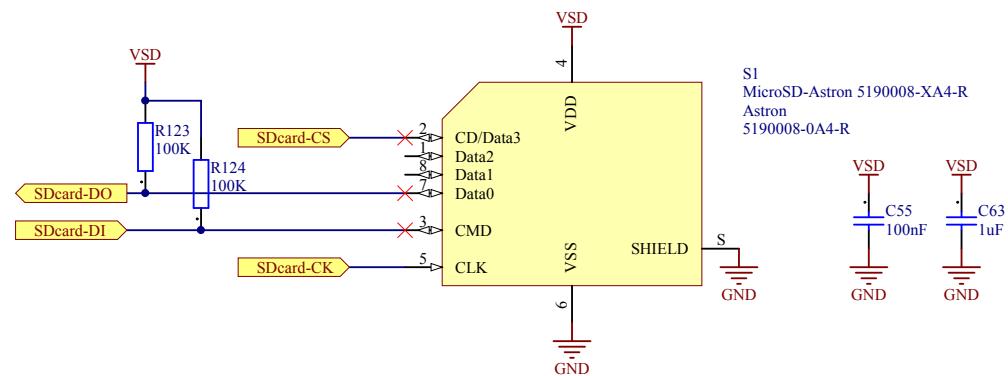
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10.03.2011
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Daniel Burnier
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