

Project **thymio2-main.PrjPCB**

Part **Thymio2
PCB principal**

File : **thymio2-main.SchDoc**

Date:
04.07.2018
16:12:52

Revision: **2.1**

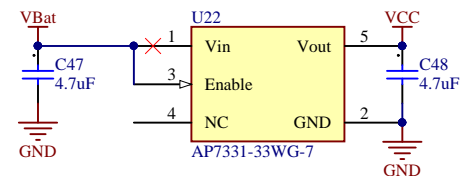
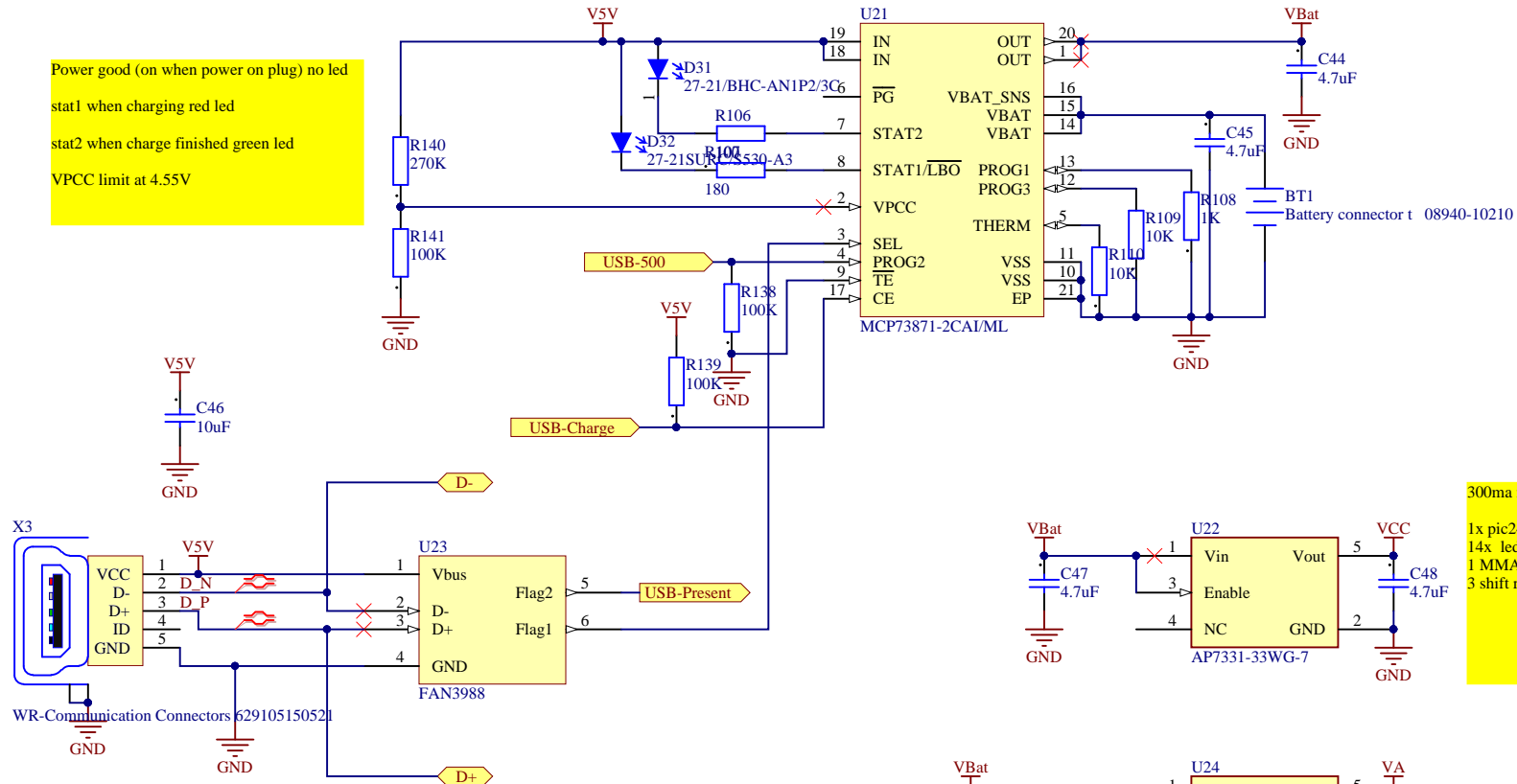
Page 1 de 9

Association Mobsya
Michael Bonani
Ch. Closel 3
CH-1020 Renens

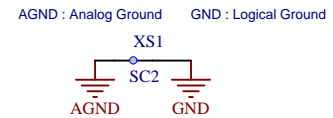
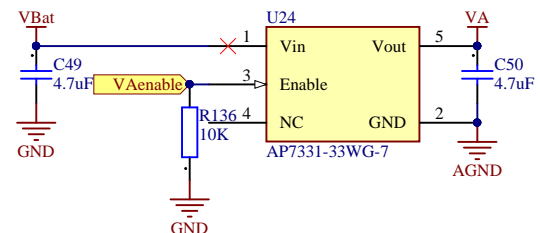


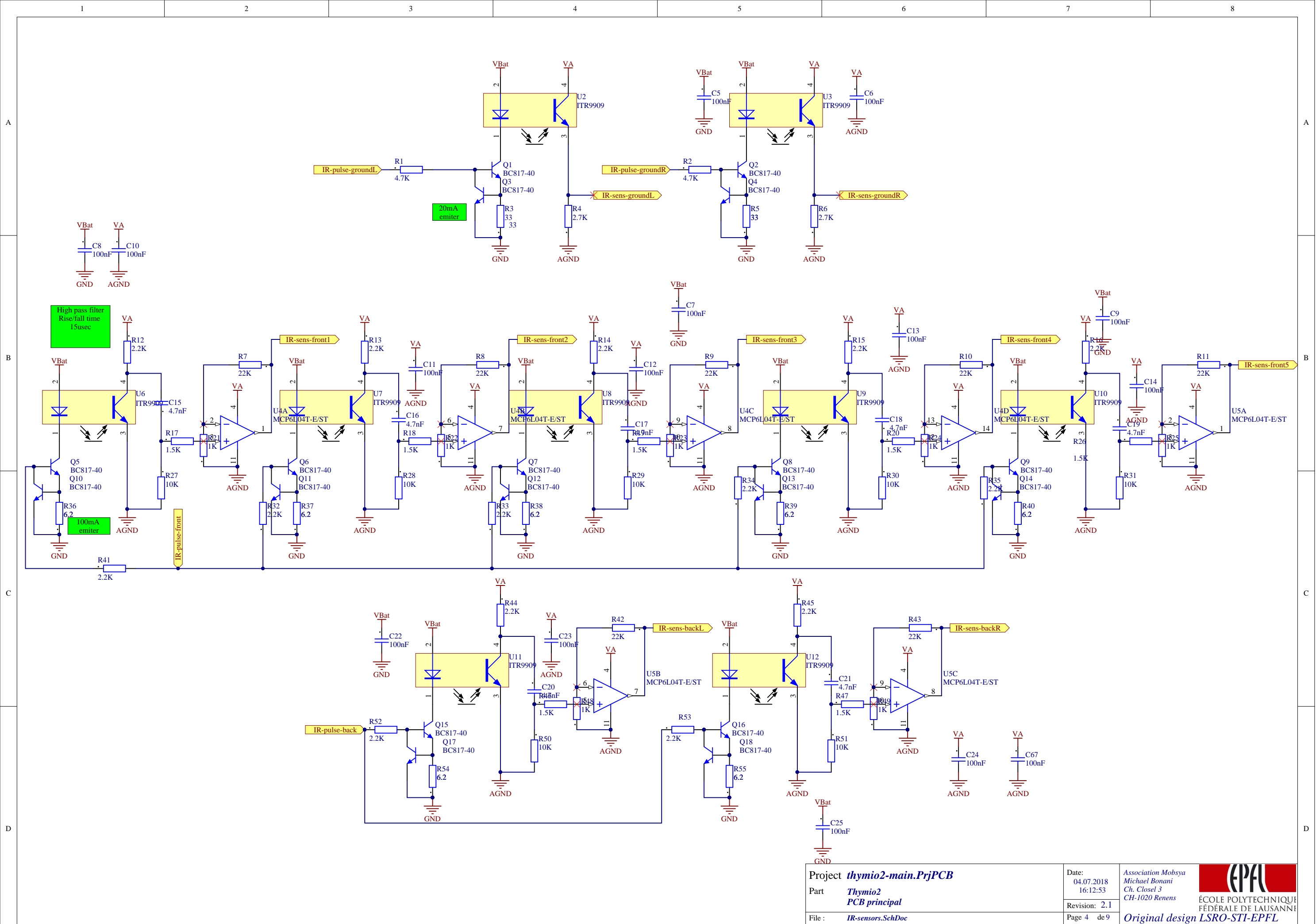
Original design LSRO

Power good (on when power on plug) no led
stat1 when charging red led
stat2 when charge finished green led
VPCC limit at 4.55V



300ma max
1x pic24F = 24 mA
14x led 16mA = 224mA
1 MMA7660 = 47uA
3 shift register 160uA = 0.48mA





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PCB principal**

File : **IR-sensors.SchDoc**

Date:
04.07.2018
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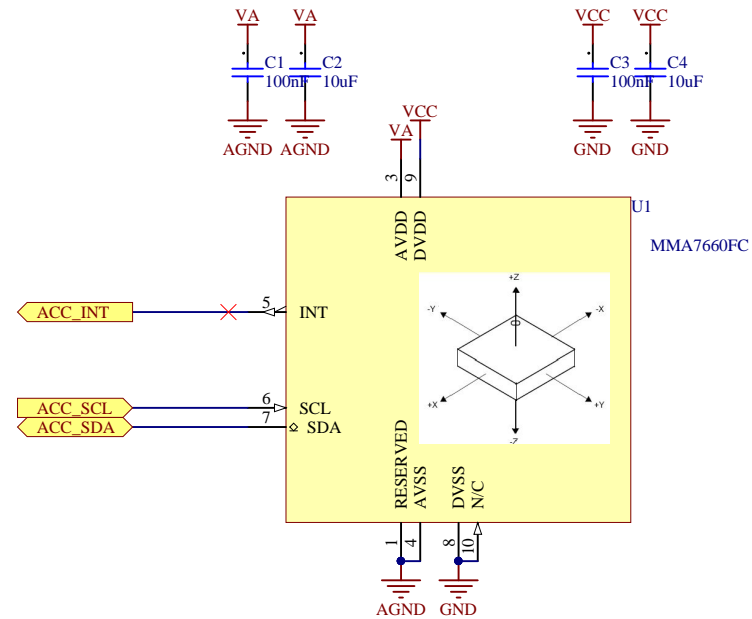
Revision: **2.1**

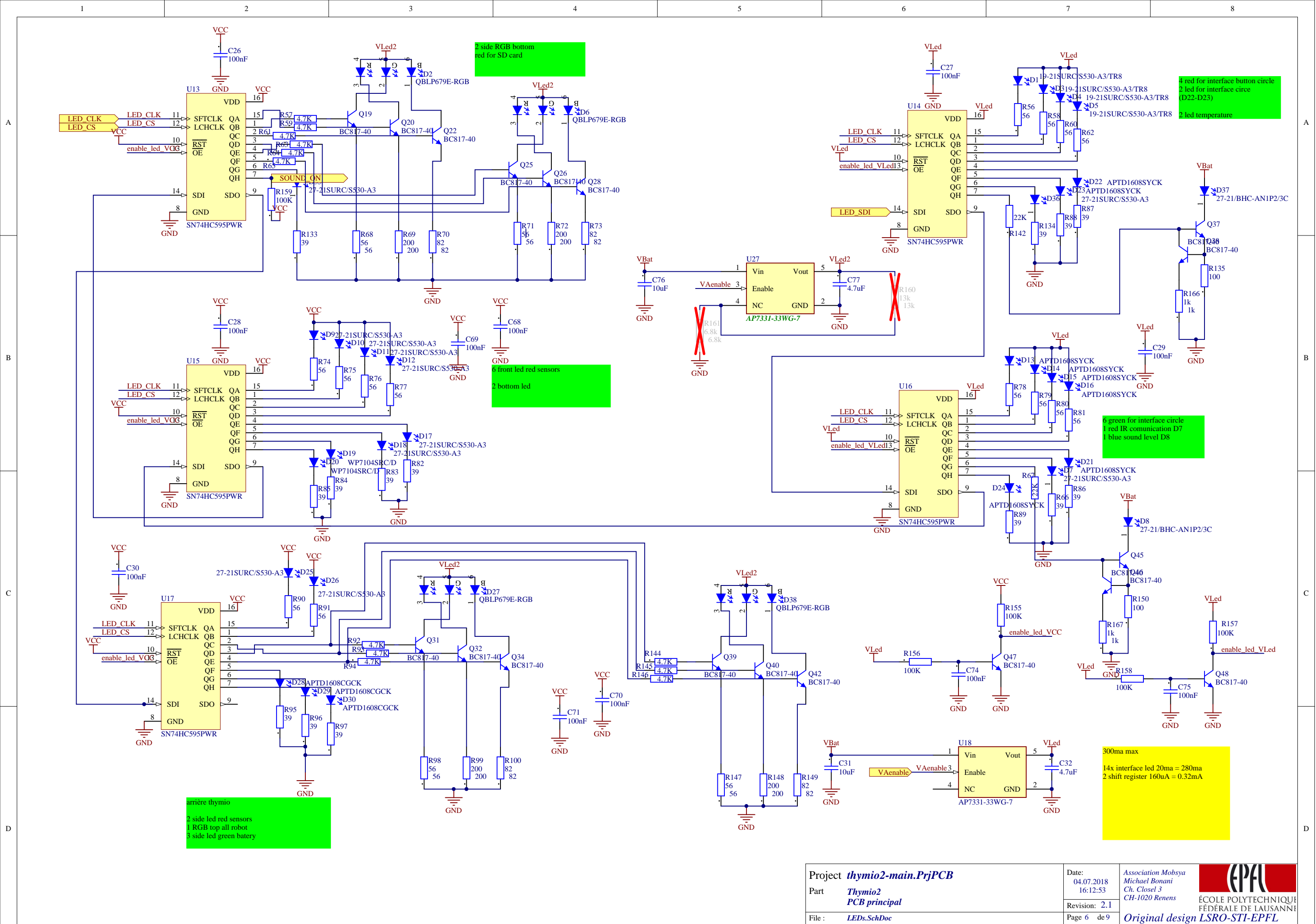
Page 4 de 9

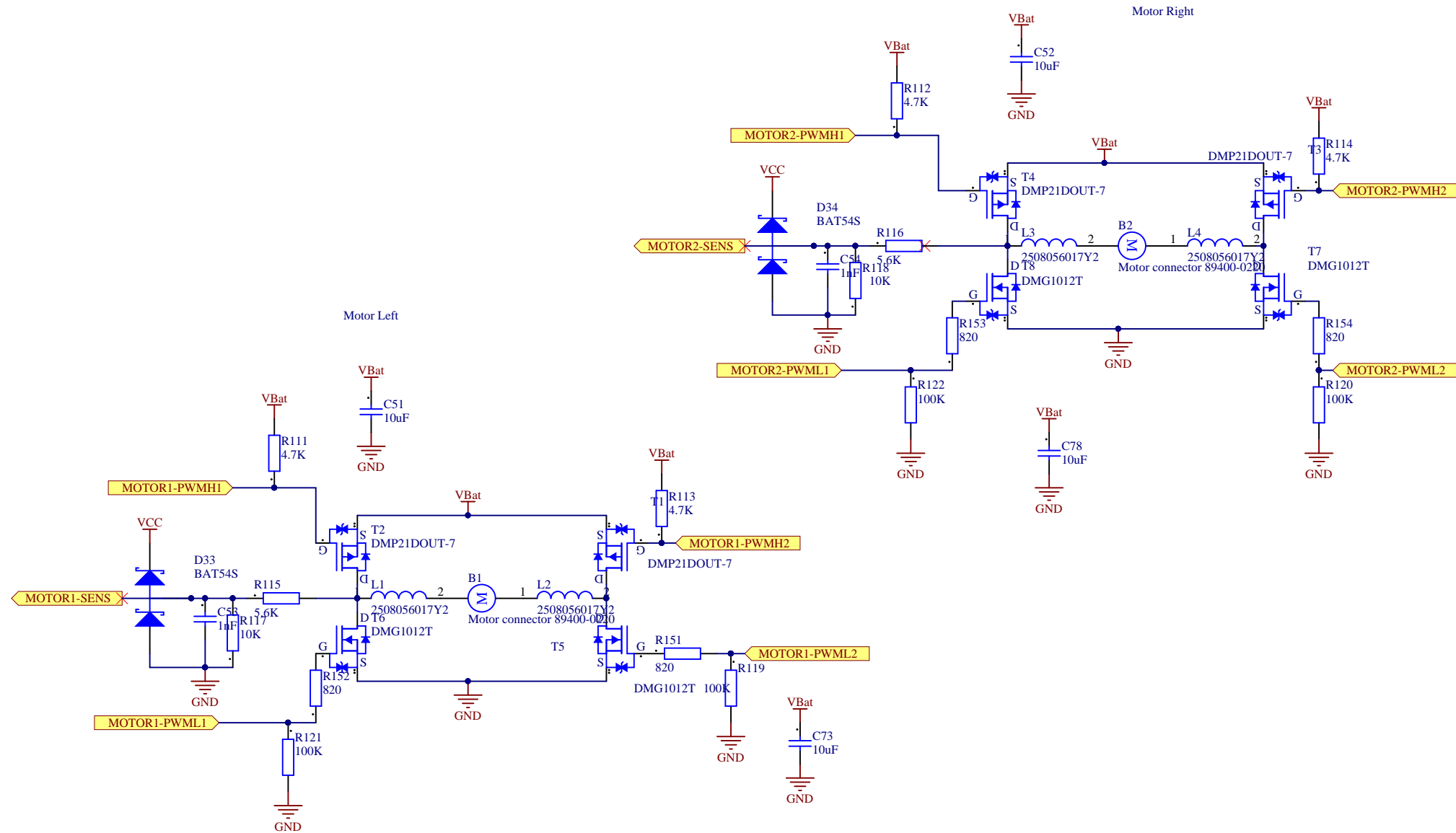
Association Mobsys
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Original design **LSRO-STI-EPFL**

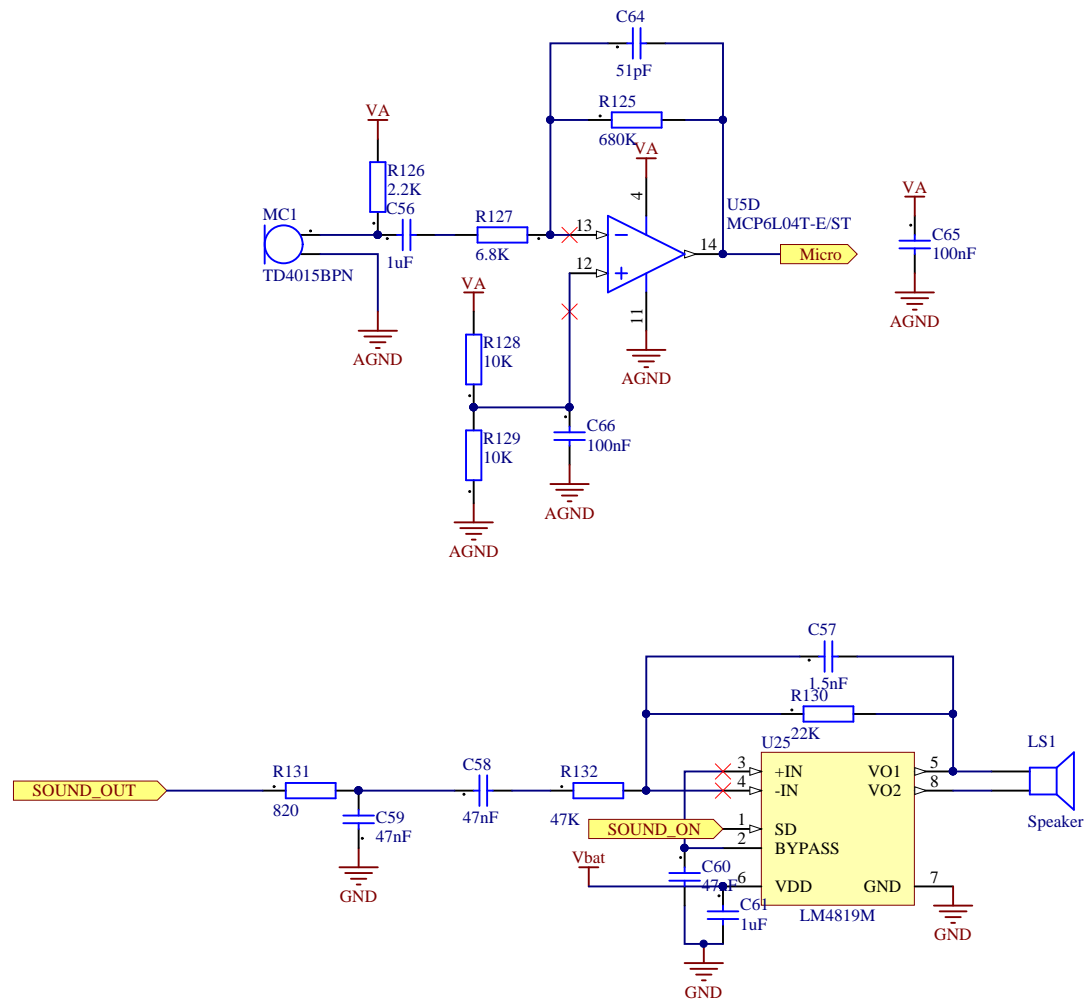




Project **thymio2-main.PrjPCB**Part **Thymio2
PCB principal**File : **motor.SchDoc**Date:
04.07.2018
16:12:53Revision: **2.1**

Page 7 de 9

Association Mobsya
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ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE



Project **thymio2-main.PrjPCB**

Part **Thymio2
PCB principal**

File : **sound.SchDoc**

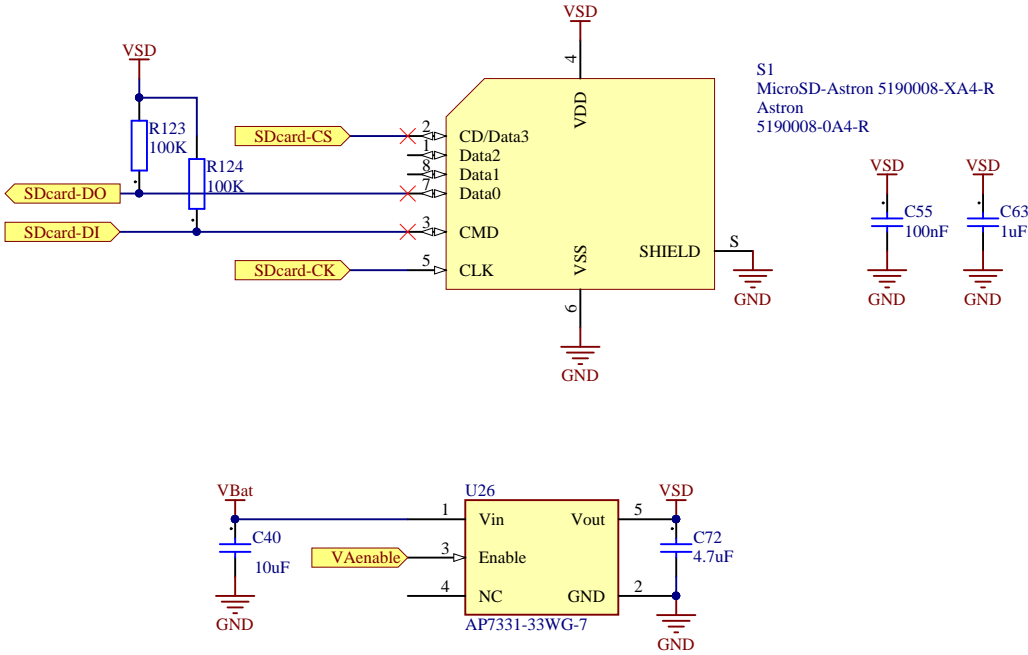
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Revision: **2.1**

Page 8 de 9

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Original design LSRO



Project **thymio2-main.PrjPCB**

Part **Thymio2
PCB principal**

File : **SDcard.SchDoc**

Date:
04.07.2018
16:12:54

Revision: **2.1**

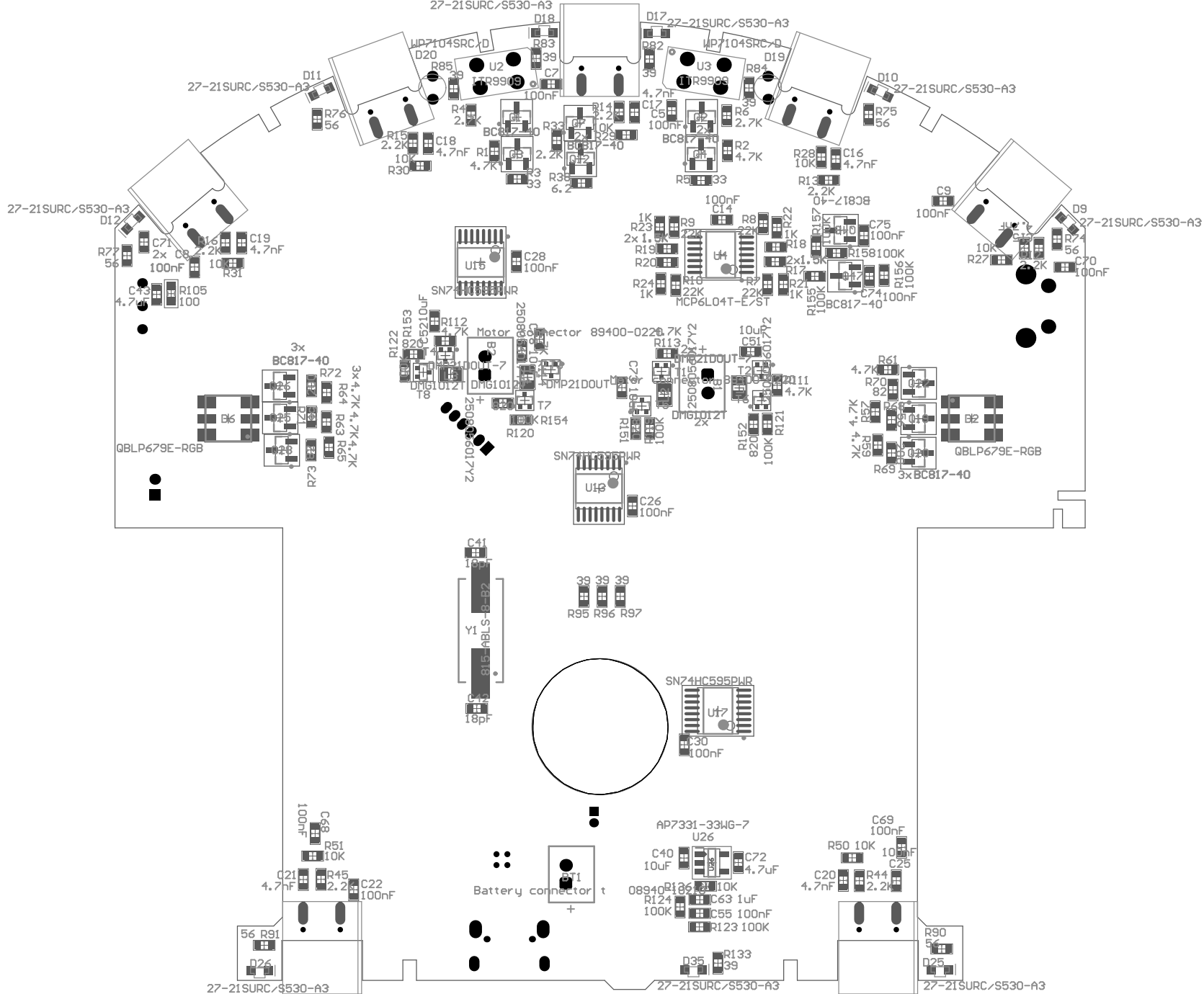
Page 9 de 9

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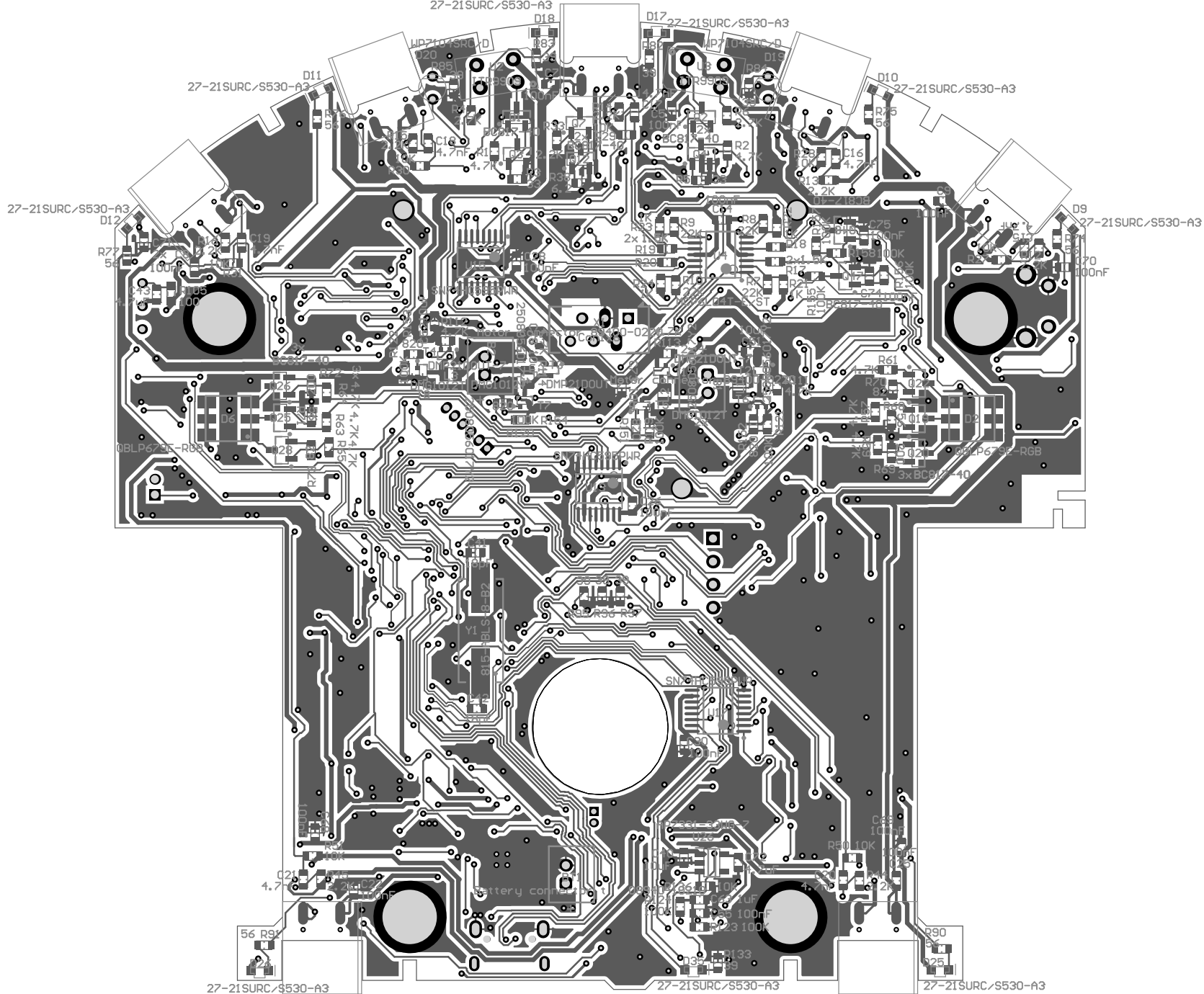
Original design LSRO

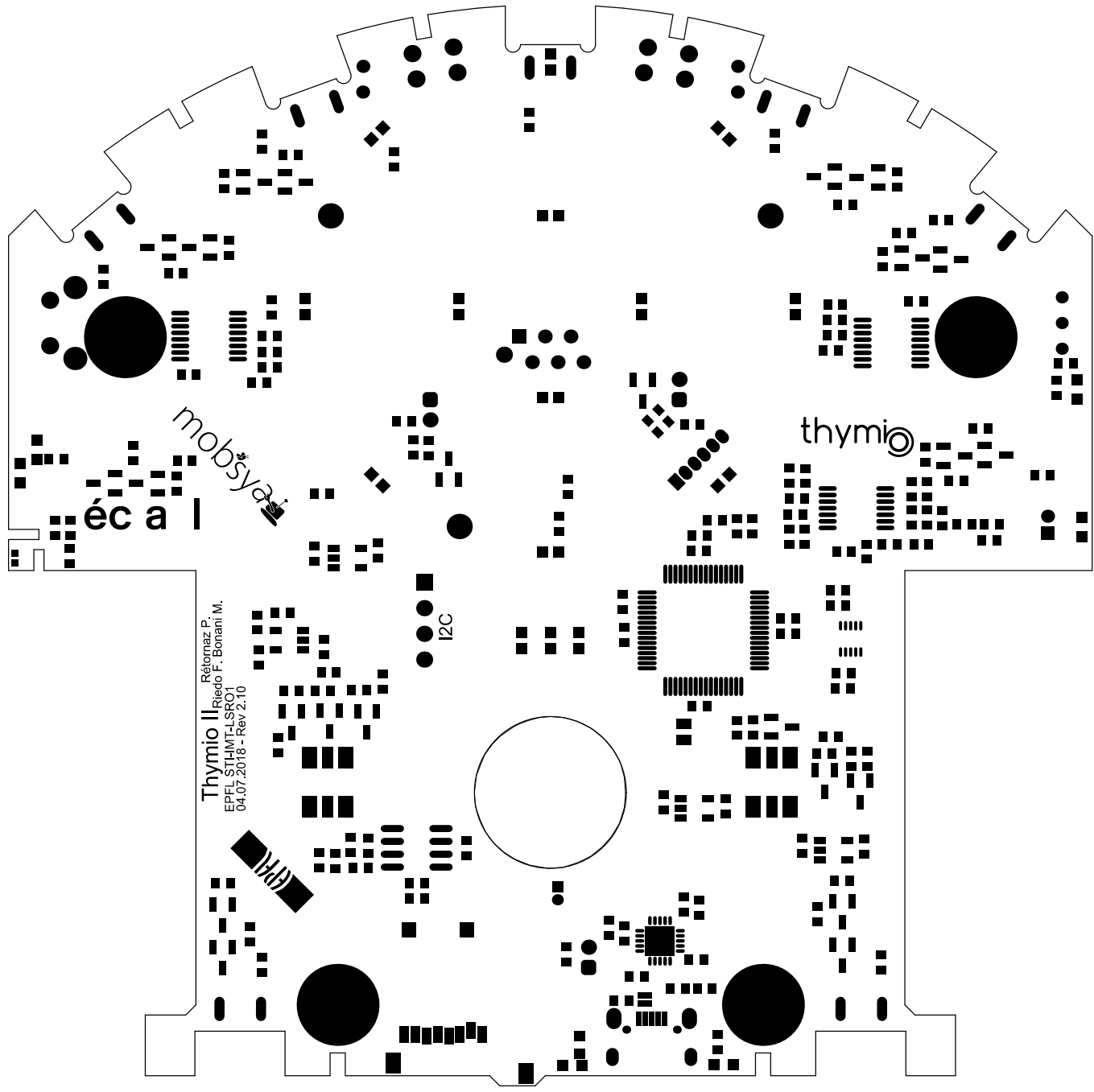












Thymio II Rétornaz P.
EPFL STI-HMT-LSRO1
04.07.2018 - Rev 2.10

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thymio

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