

Project **thymio2-main.PrjPCB**

Part **Thymio2
PCB principal**

File : **thymio2-main.SchDoc**

Date:
09.02.2018
08:58:14

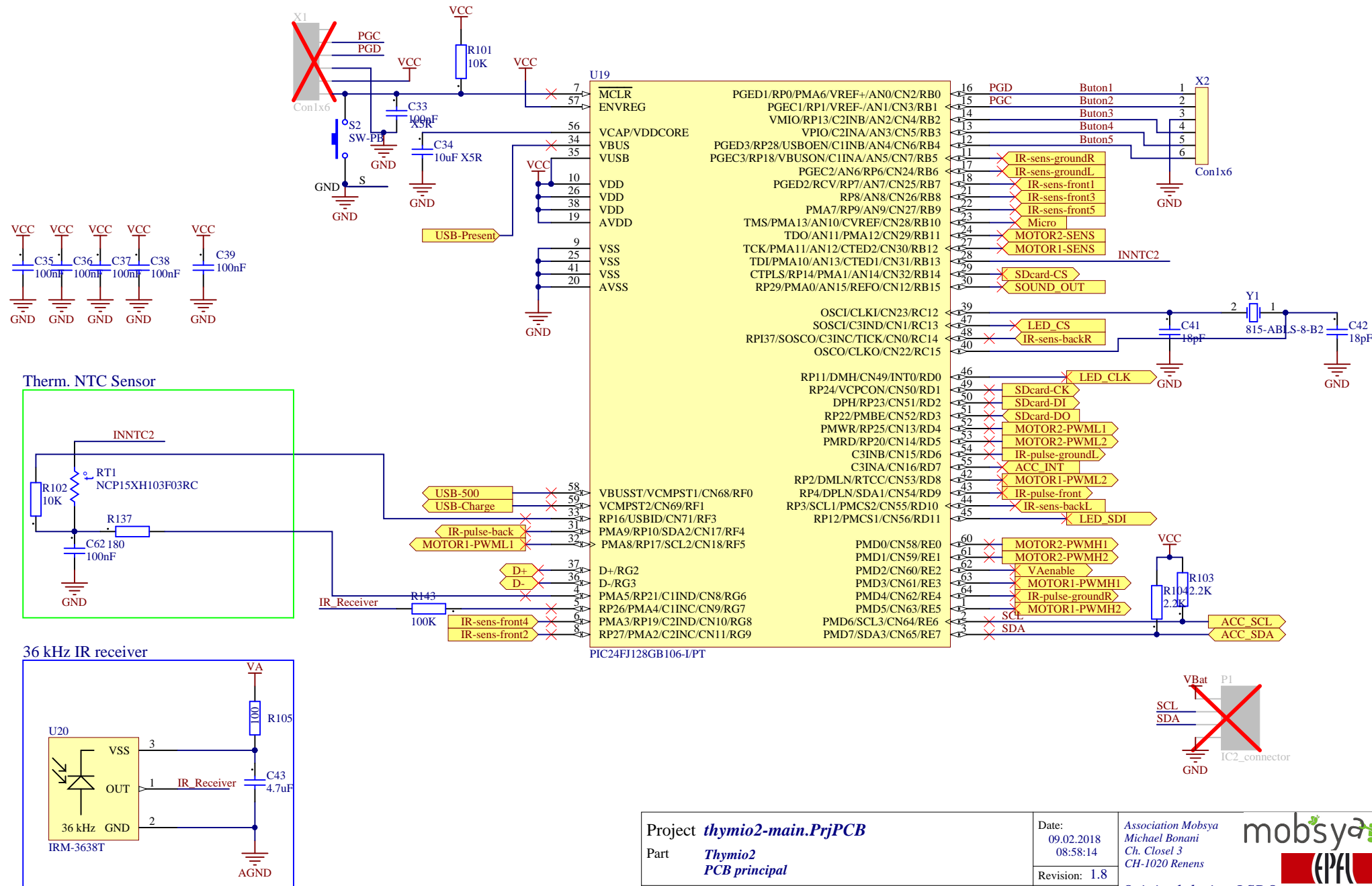
Revision: **1.8**

Page 1 de 9

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



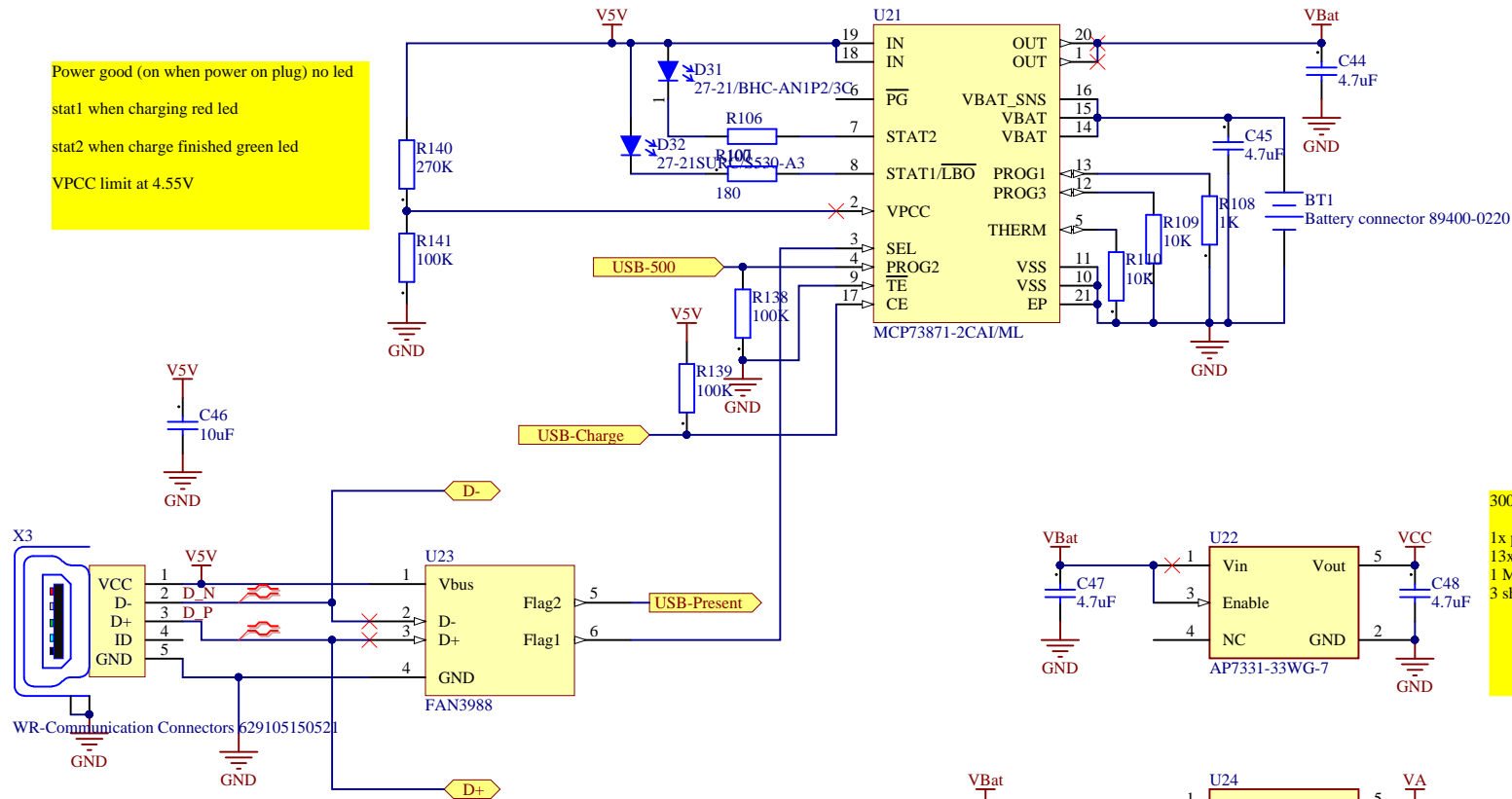
Original design LSRO

Project **thymio2-main.PrjPCB**Part **Thymio2
PCB principal**File : **microcontroleur.SchDoc**Date:
09.02.2018
08:58:14Revision: **1.8**

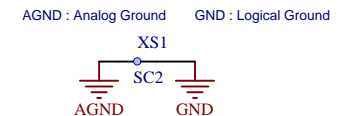
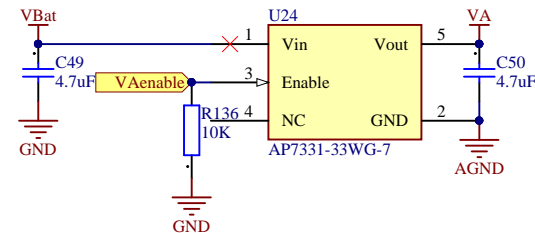
Page 2 de 9

Association Mobsya
Michael Bonani
Ch. Closel 3
CH-1020 RenensOriginal design LSRO
ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

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



Project **thymio2-main.PrjPCB**

Part **Thymio2
PCB principal**

File : **USB-power.SchDoc**

Date:
09.02.2018
08:58:14

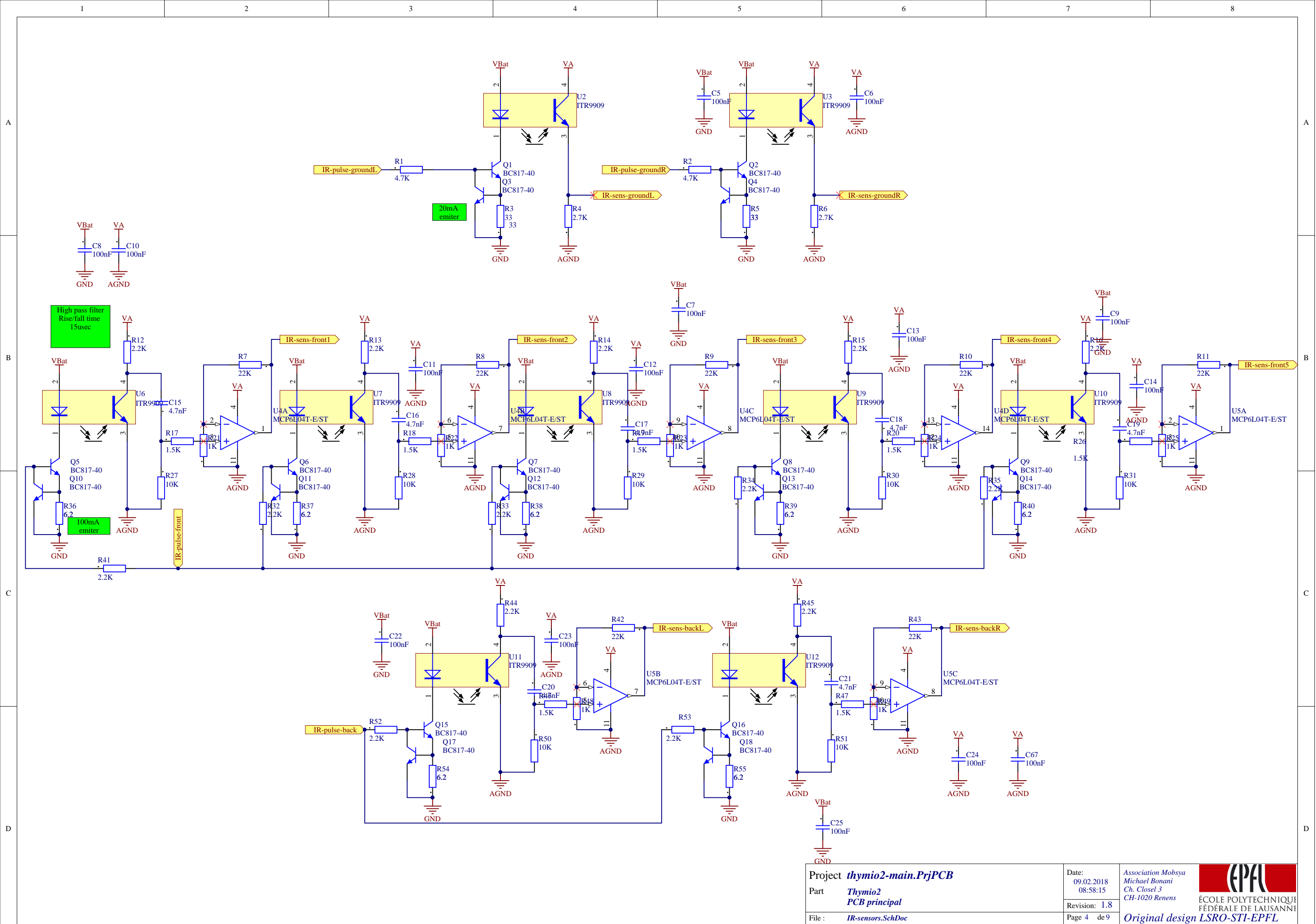
Revision: **1.8**

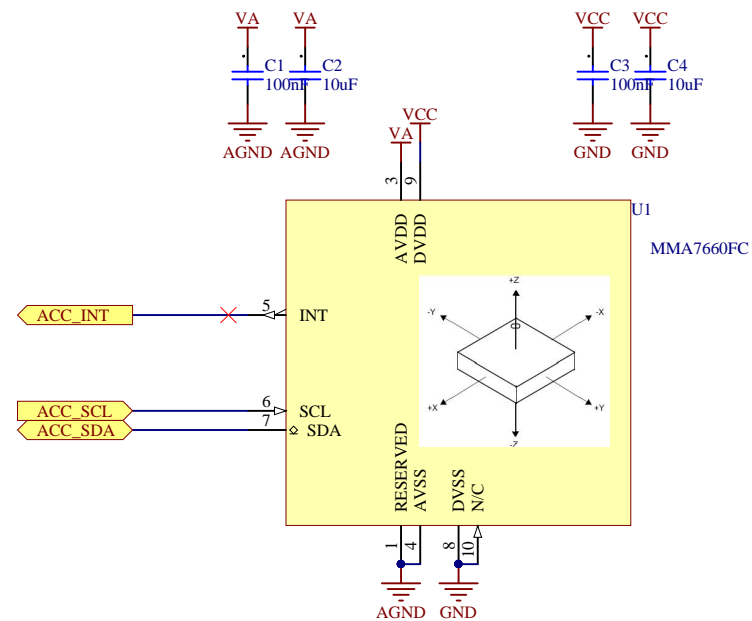
Page 3 de 9

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

Original design LSRO
ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE







Project **thymio2-main.PrjPCB**

Part **Thymio2
PCB principal**

File : **accelerometer.SchDoc**

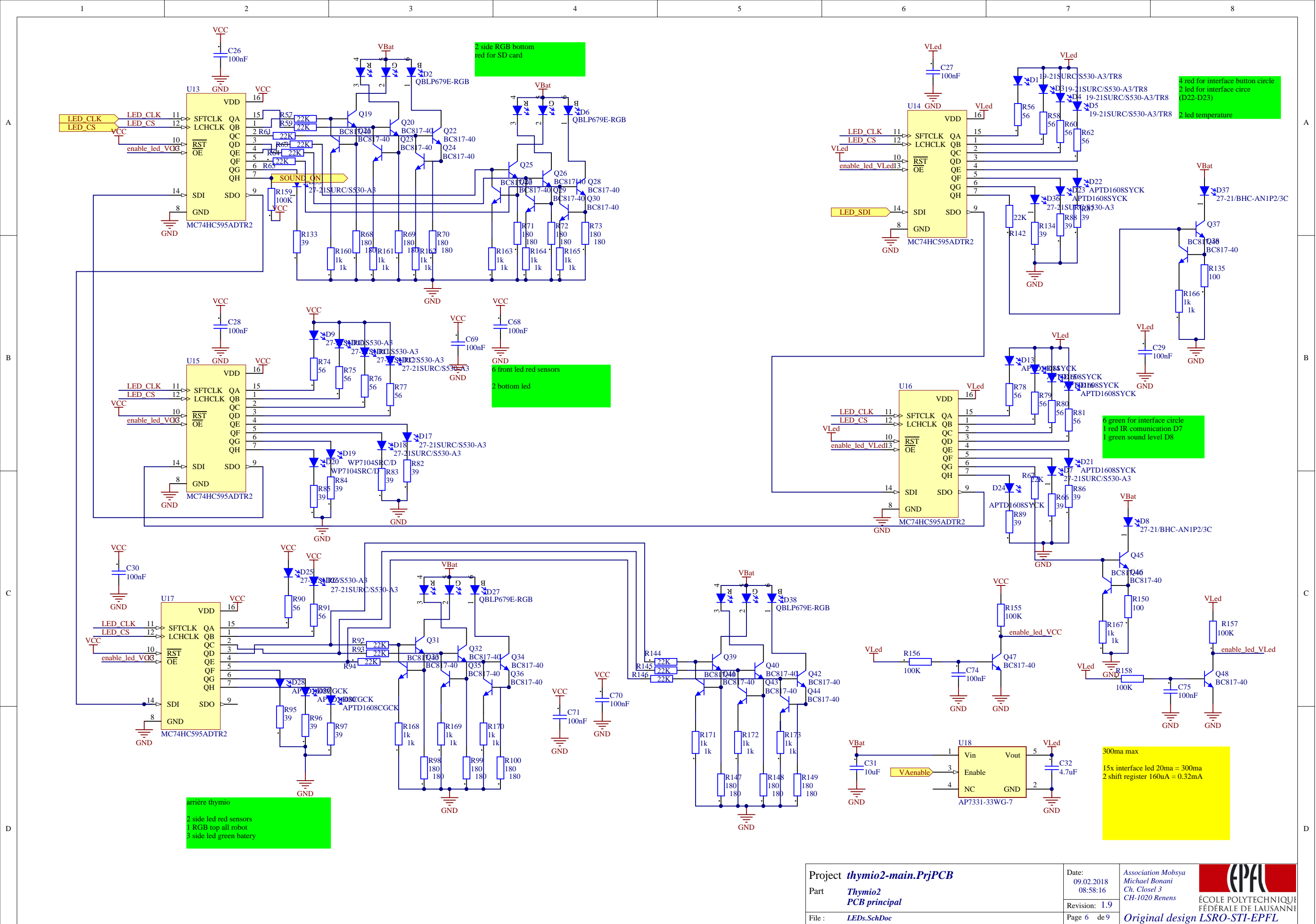
Date:
09.02.2018
08:58:16

Revision: **1.8**

Page 5 de 9

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

Original design LSRO



Project *thymio2-main.PrjPCB*

Part *Thymio2
PCB principal*

File : *LEDs.SchDoc*

Date:
09.02.2018
08:58:16

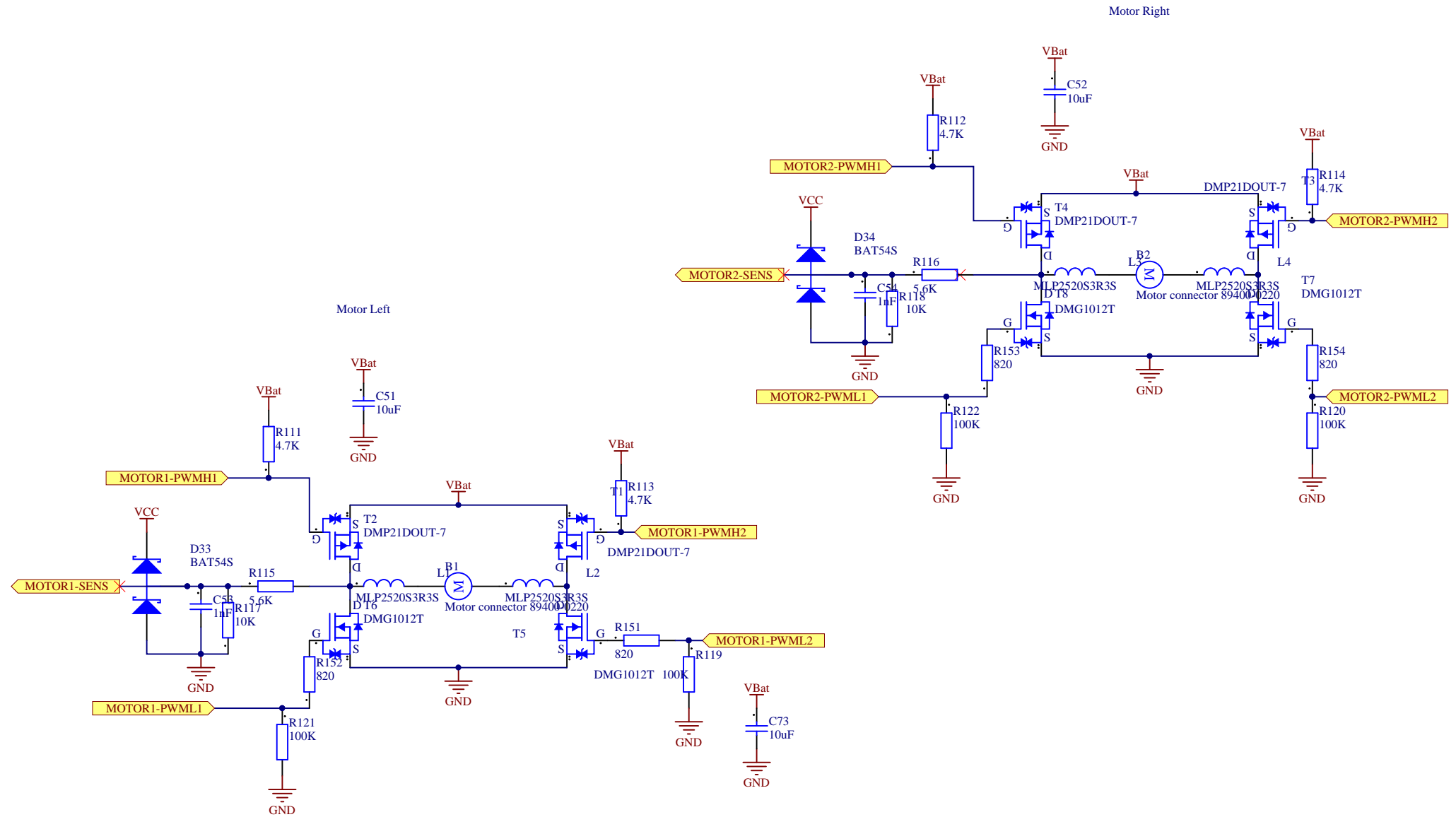
Revision: 1.9

Page 6 de 9

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



Original design LSRO-STI-EPFL



Project **thymio2-main.PrjPCB**

Part **Thymio2
PCB principal**

File : **motor.SchDoc**

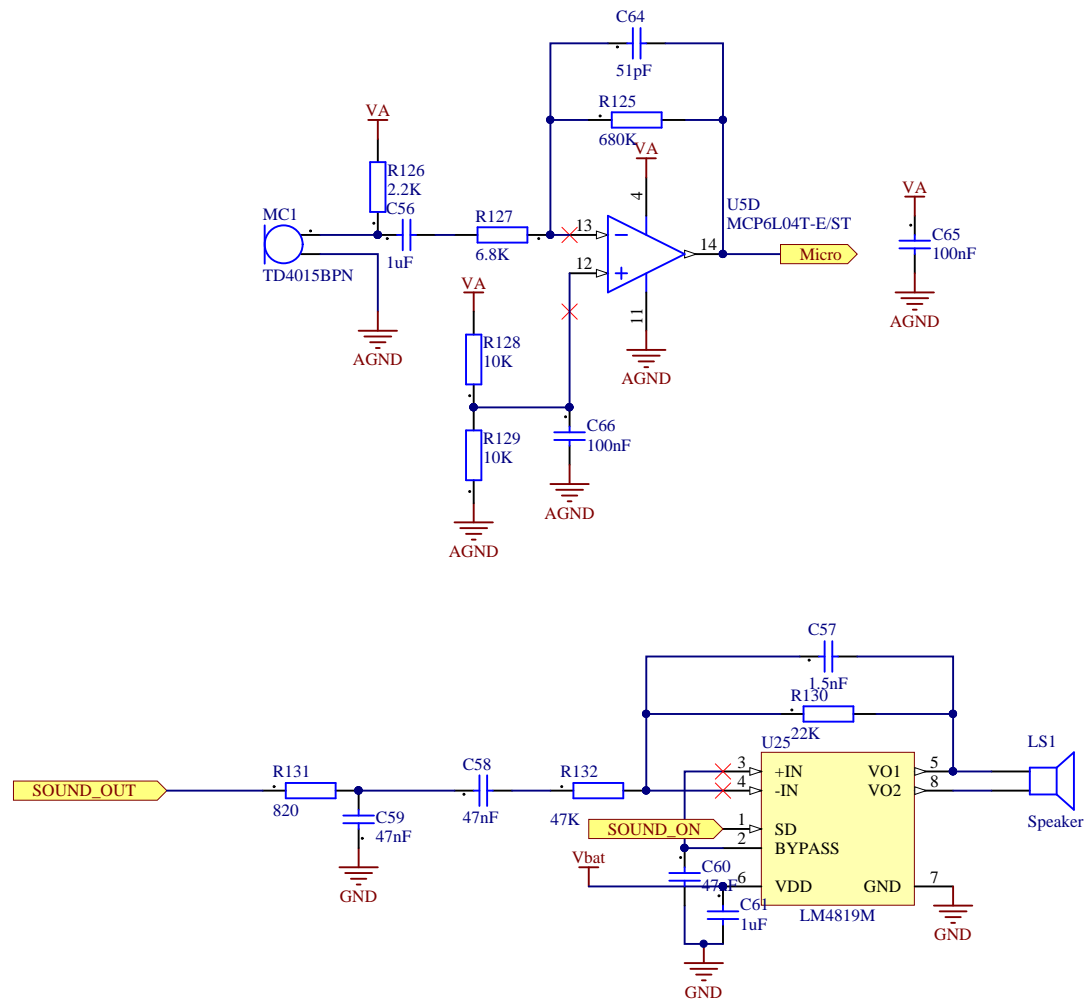
Date:
09.02.2018
08:58:16

Revision: **1.8**

Page 7 de 9

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

Original design LSRO



Project **thymio2-main.PrjPCB**

Part **Thymio2
PCB principal**

File : **sound.SchDoc**

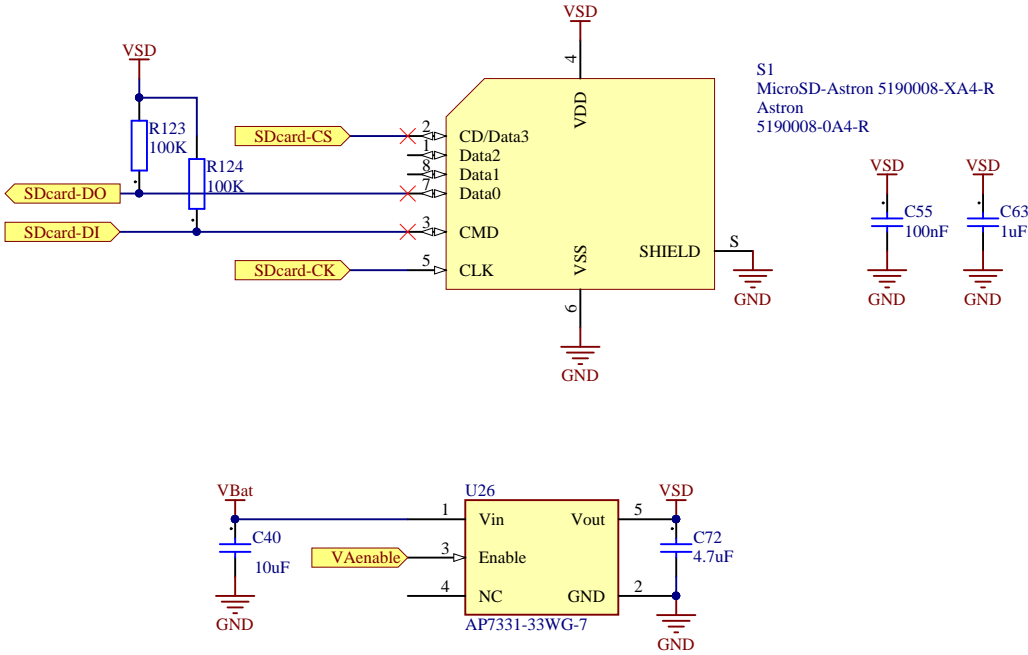
Date:
09.02.2018
08:58:17

Revision: **1.8**

Page 8 de 9

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

Original design LSRO



Project **thymio2-main.PrjPCB**

Part **Thymio2
PCB principal**

File : **SDcard.SchDoc**

Date:
09.02.2018
08:58:17

Revision: **1.8**

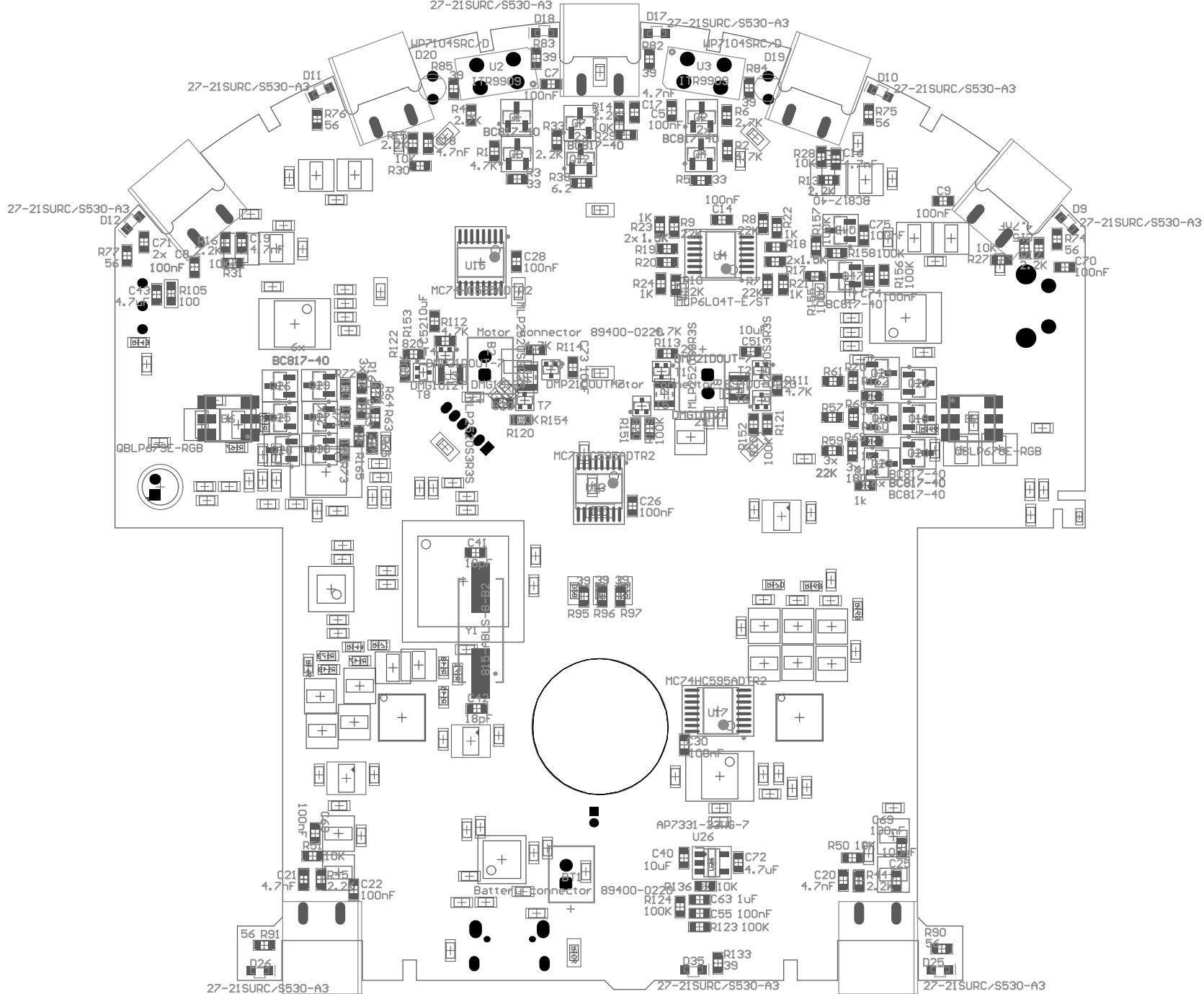
Page 9 de 9

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

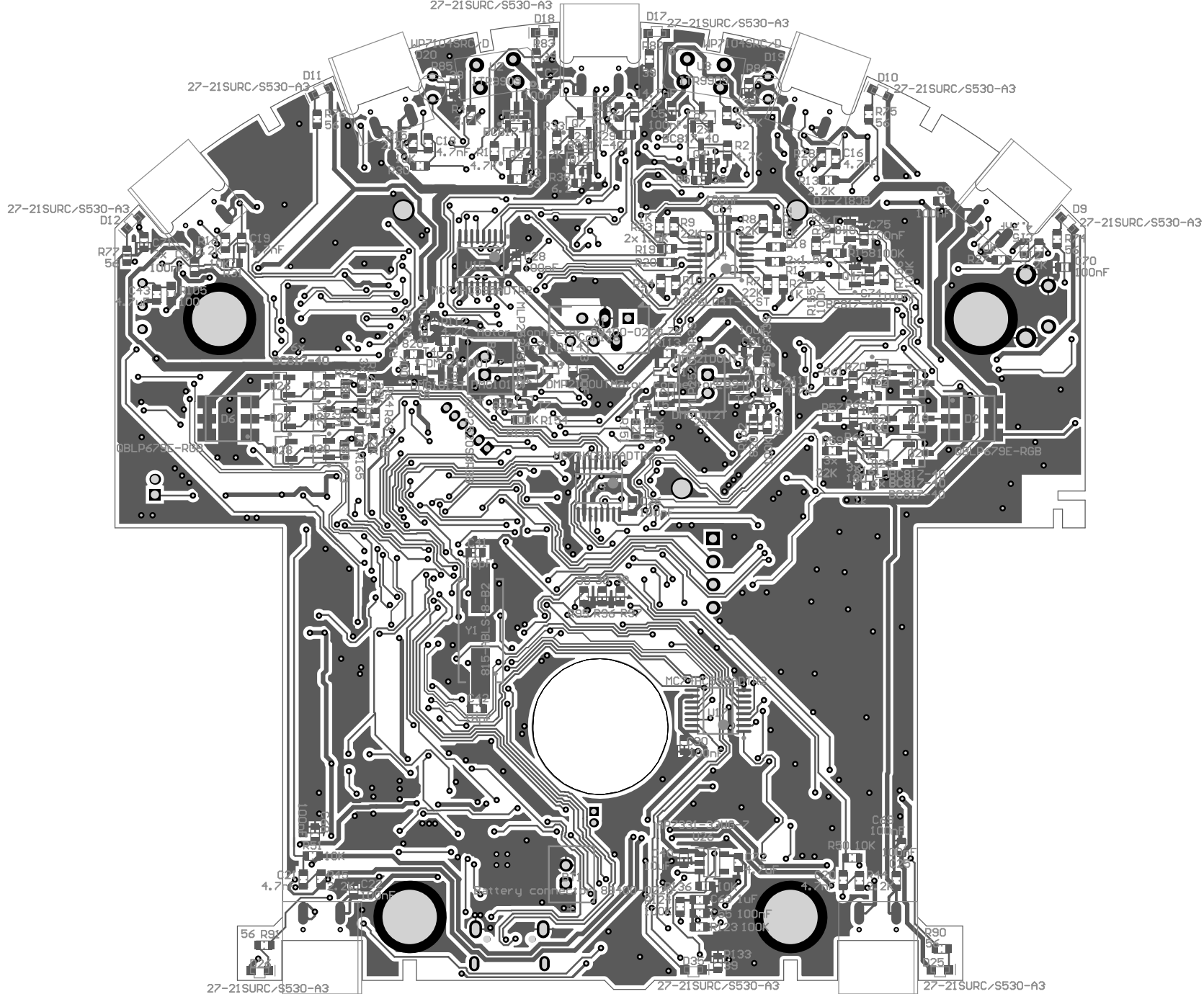
Original design LSRO

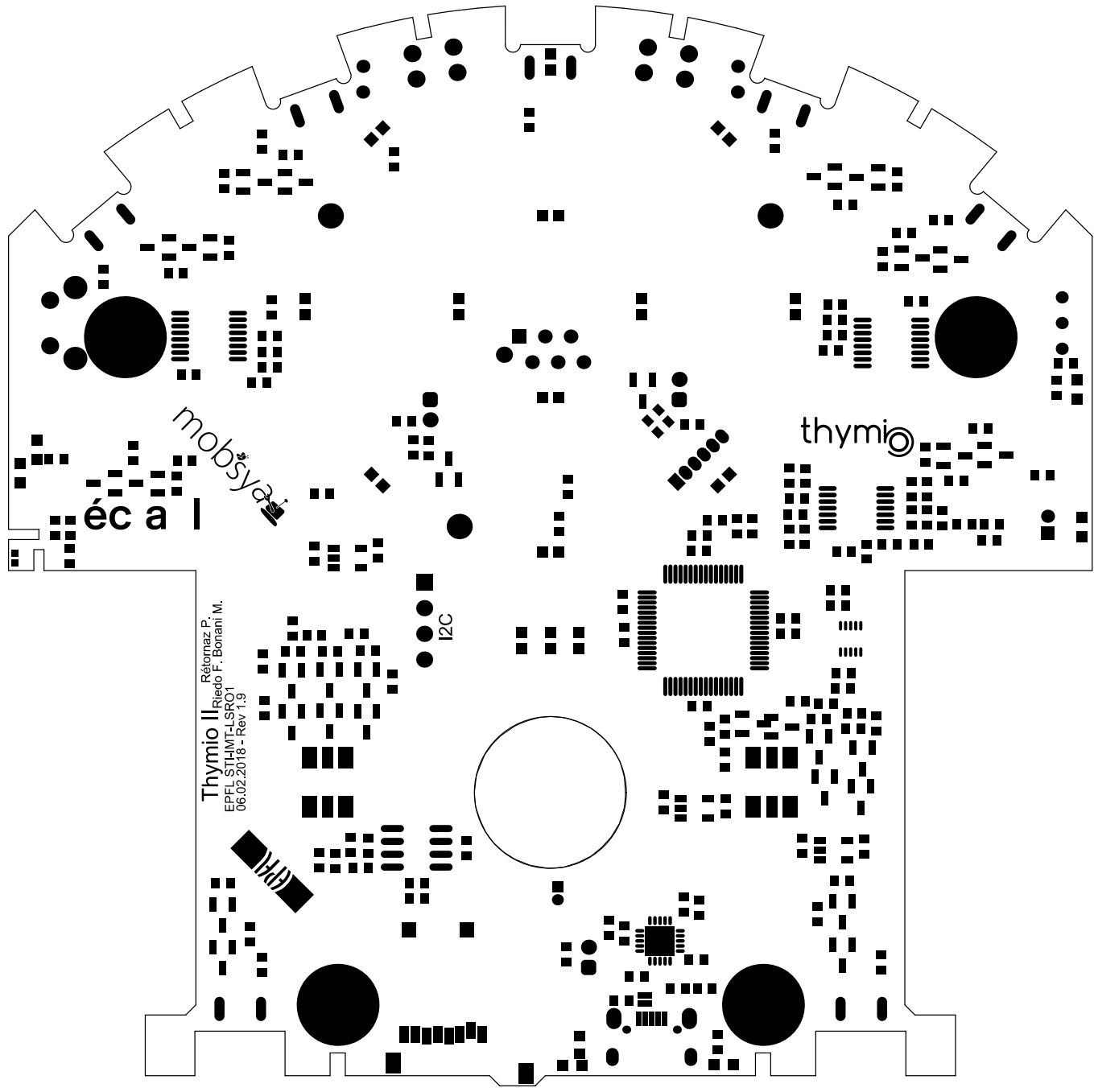












Thymio II Régnier P.
EPFL STIMT-LSRO1
06.02.2018 - Rev 1.9

