

Project **thymio2-main.PrjPCB**

Part **Thymio2  
PCB principal**

File : **thymio2-main.SchDoc**

Date:  
01.06.2018  
13:48:02

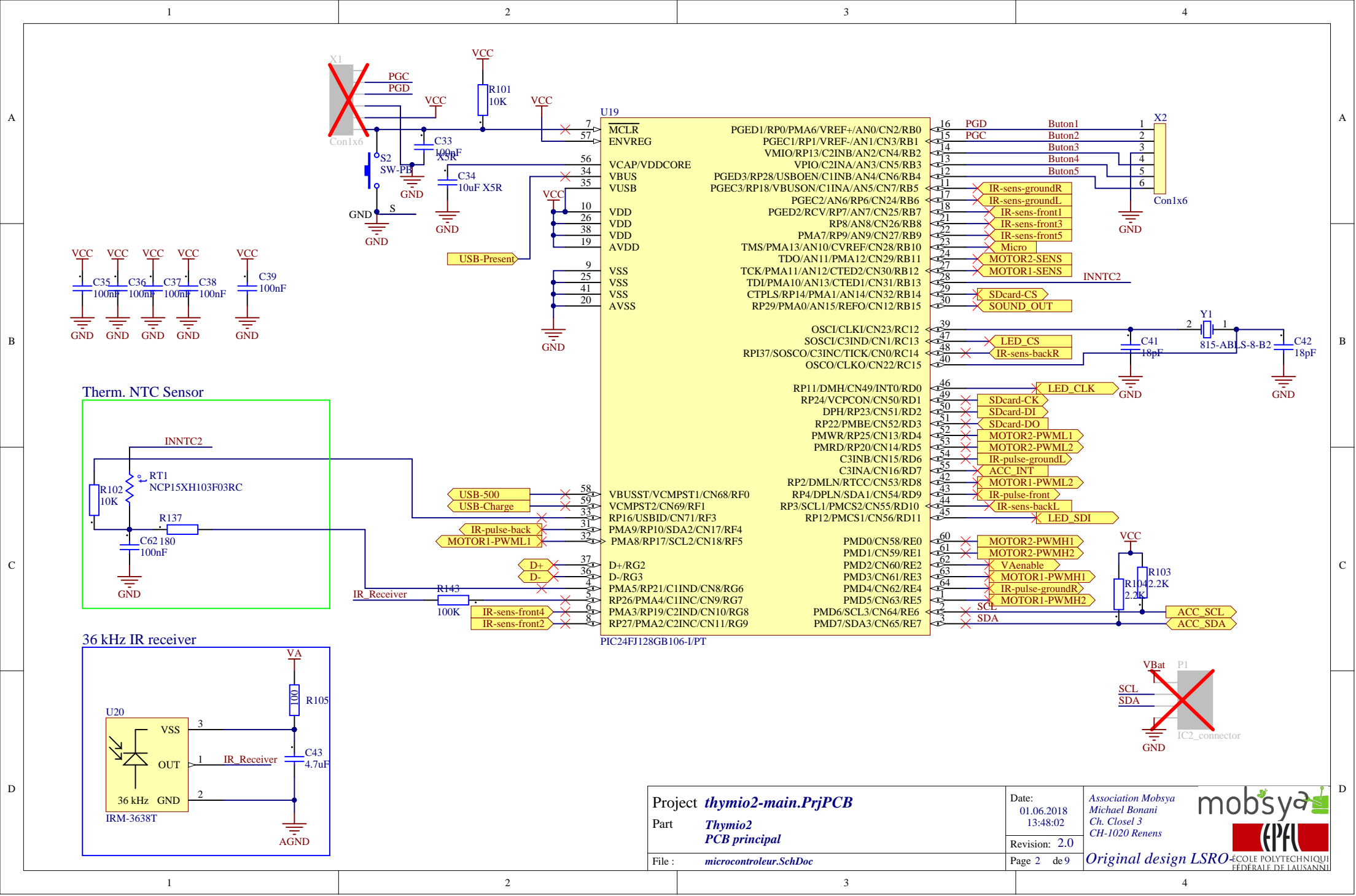
Revision: **2.0**

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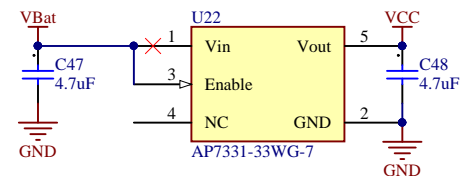
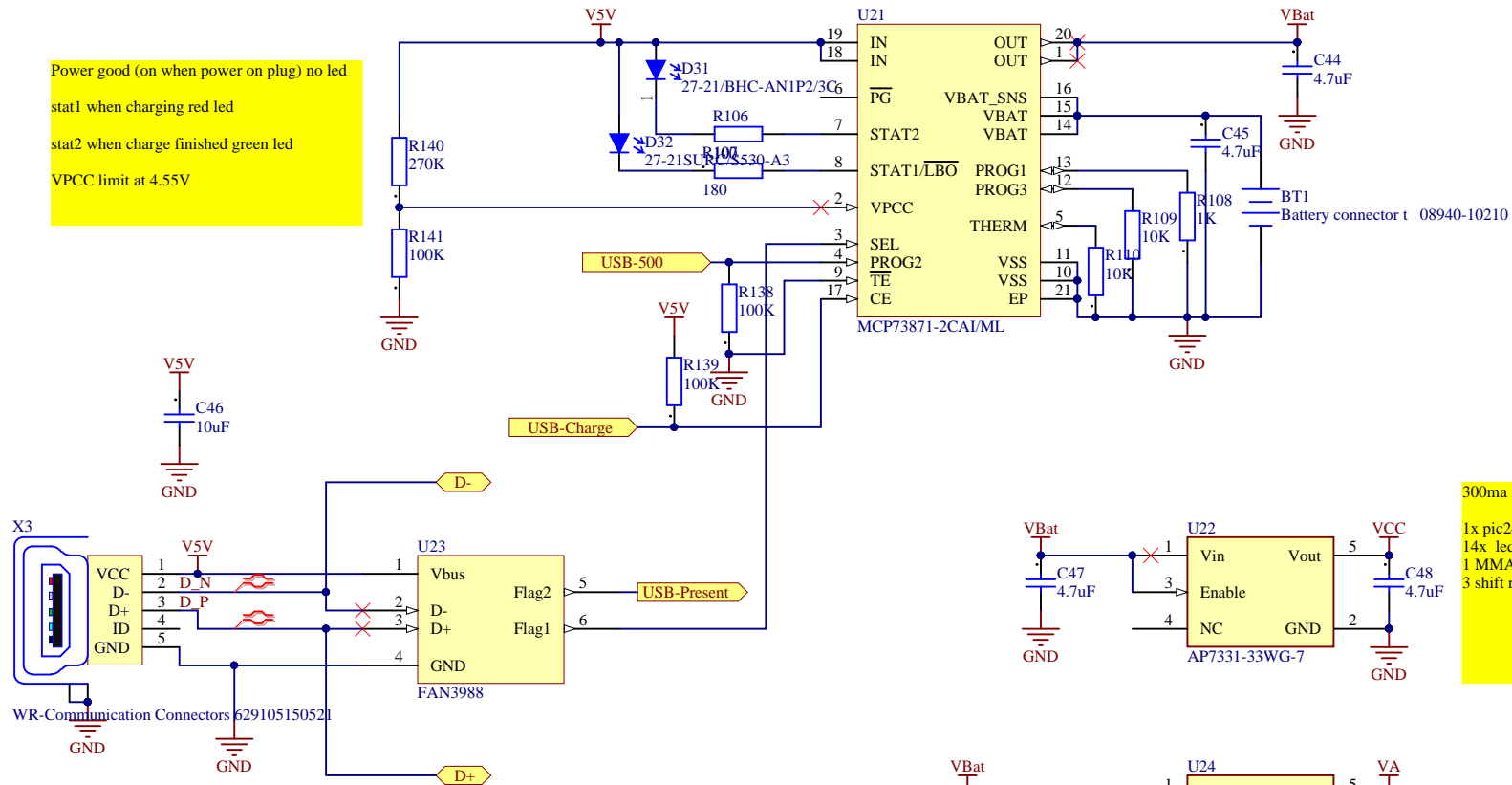
Association Mobsya  
Michael Bonani  
Ch. Closel 3  
CH-1020 Renens

Original design LSRO

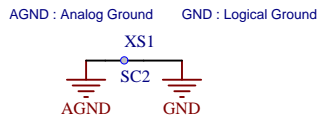
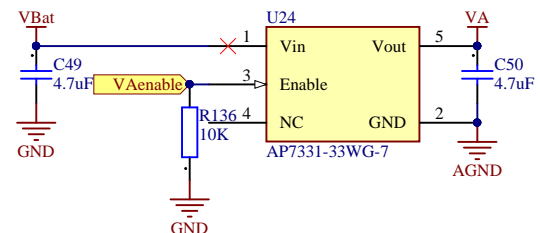


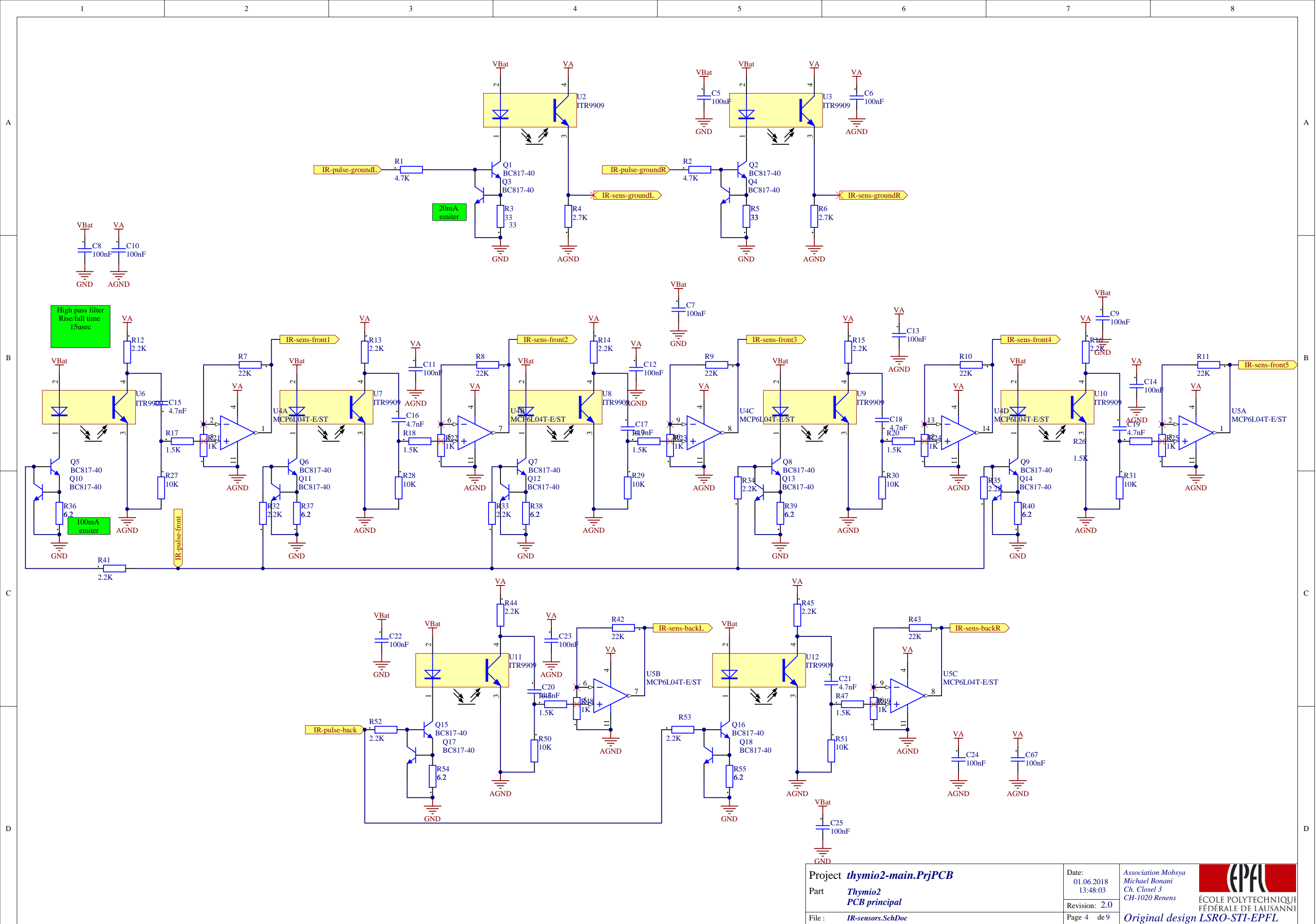


Power good (on when power on plug) no led  
stat1 when charging red led  
stat2 when charge finished green led  
VPCC limit at 4.55V



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





Project **thymio2-main.PrjPCB**

Part **Thymio2  
PCB principal**

File : **IR-sensors.SchDoc**

Date:  
01.06.2018  
13:48:03

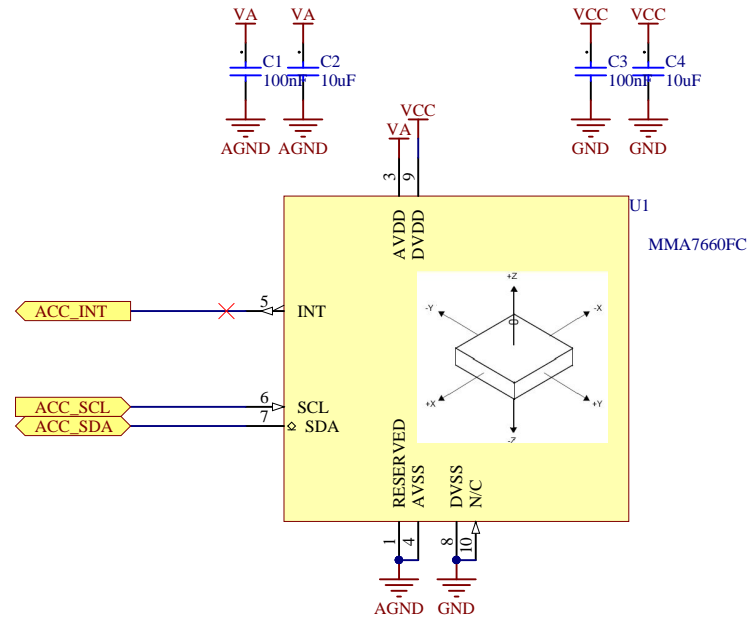
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Original design **LSRO-STI-EPFL**



Project **thymio2-main.PrjPCB**

Part **Thymio2  
PCB principal**

File : **accelerometer.SchDoc**

Date:  
01.06.2018  
13:48:03

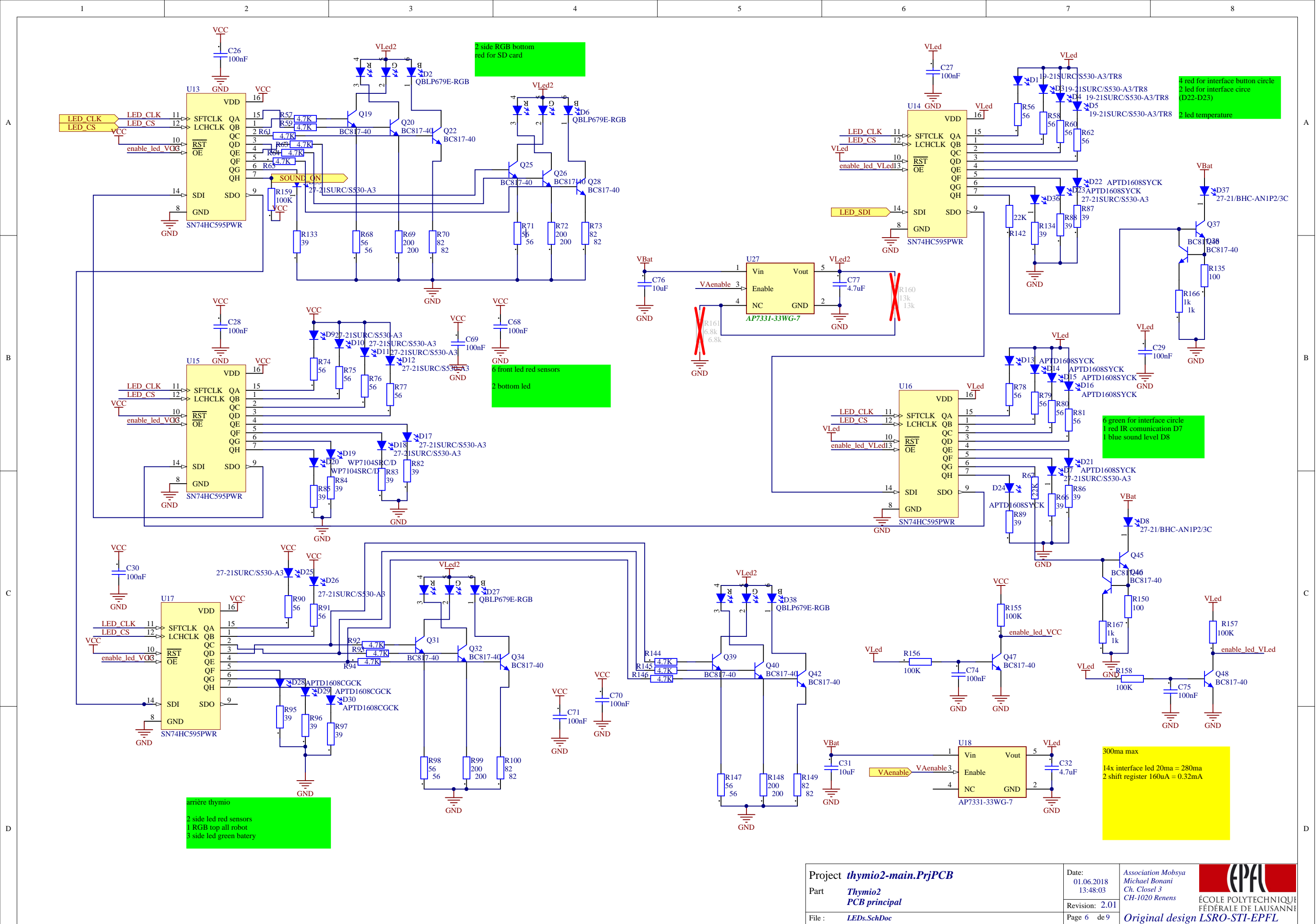
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Original design LSRO-ÉCOLE POLYTECHNIQUE  
FÉDÉRALE DE LAUSANNE





Project *thymio2-main.PrjPCB*

Part *Thymio2  
PCB principal*

File : *LEDs.SchDoc*

Date:  
01.06.2018  
13:48:03

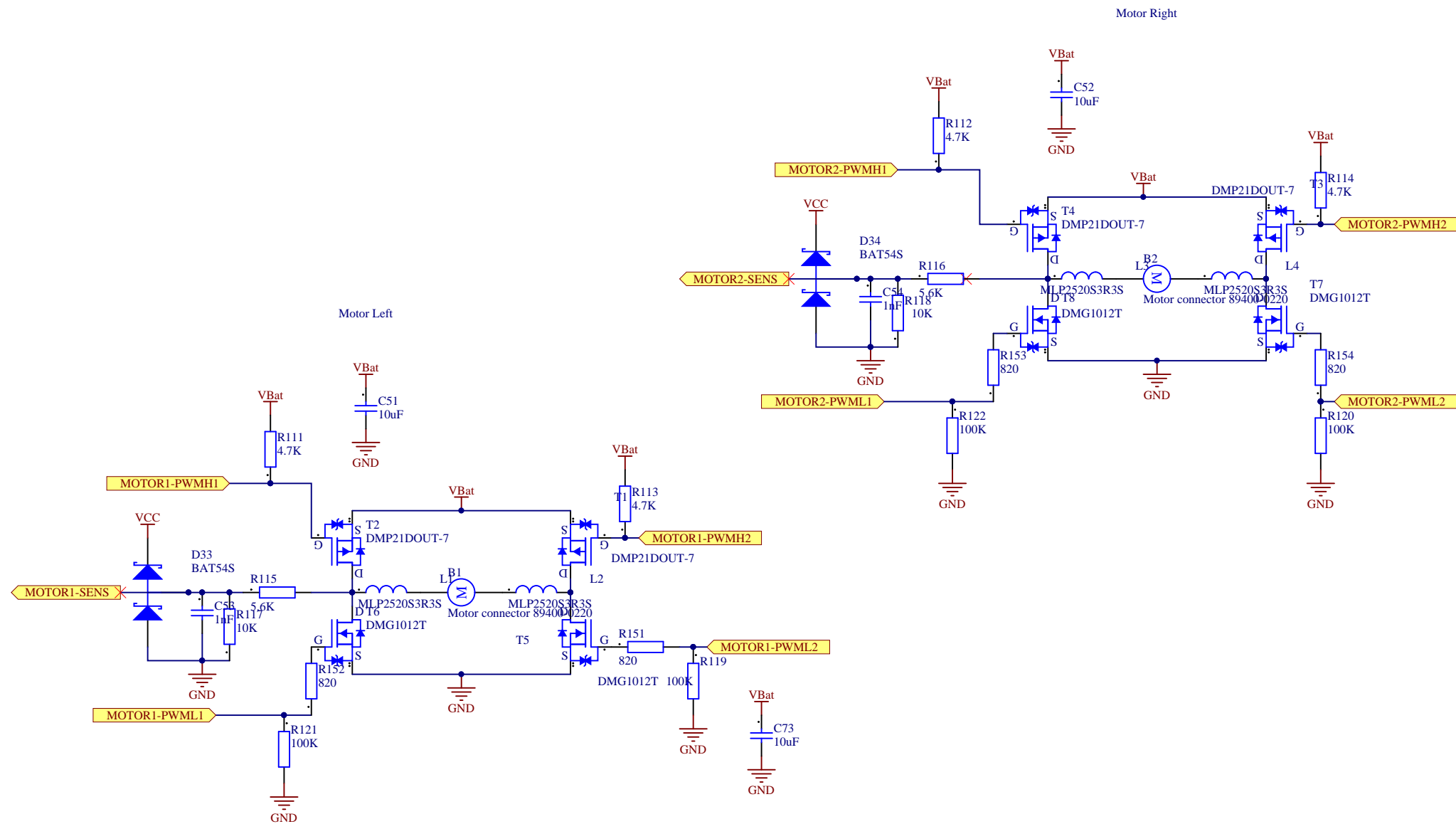
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Original design LSRO-STI-EPFL



Project **thymio2-main.PrjPCB**

Part **Thymio2  
PCB principal**

File : **motor.SchDoc**

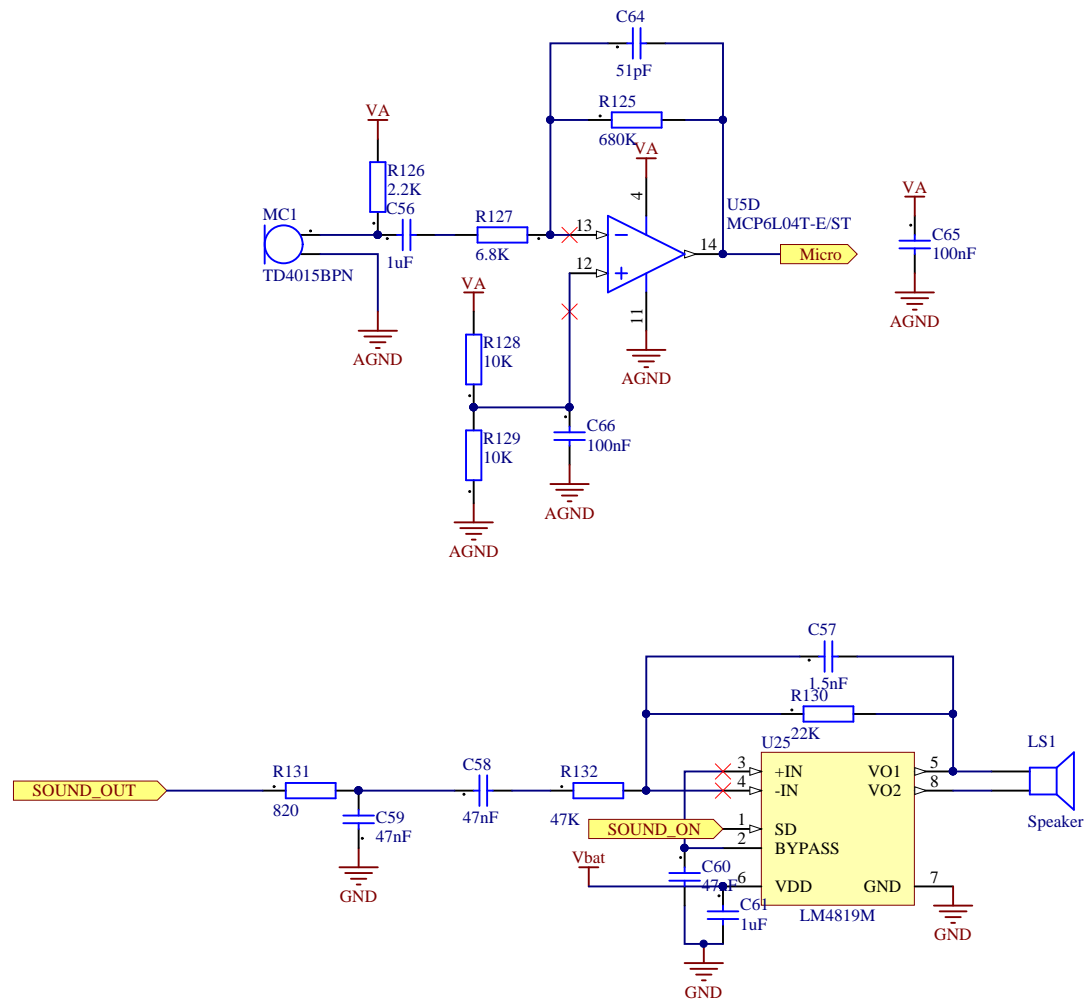
Date:  
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Revision: **2.0**

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Original design LSRO



Project **thymio2-main.PrjPCB**

Part **Thymio2  
PCB principal**

File : **sound.SchDoc**

Date:  
01.06.2018  
13:48:03

Revision: **2.0**

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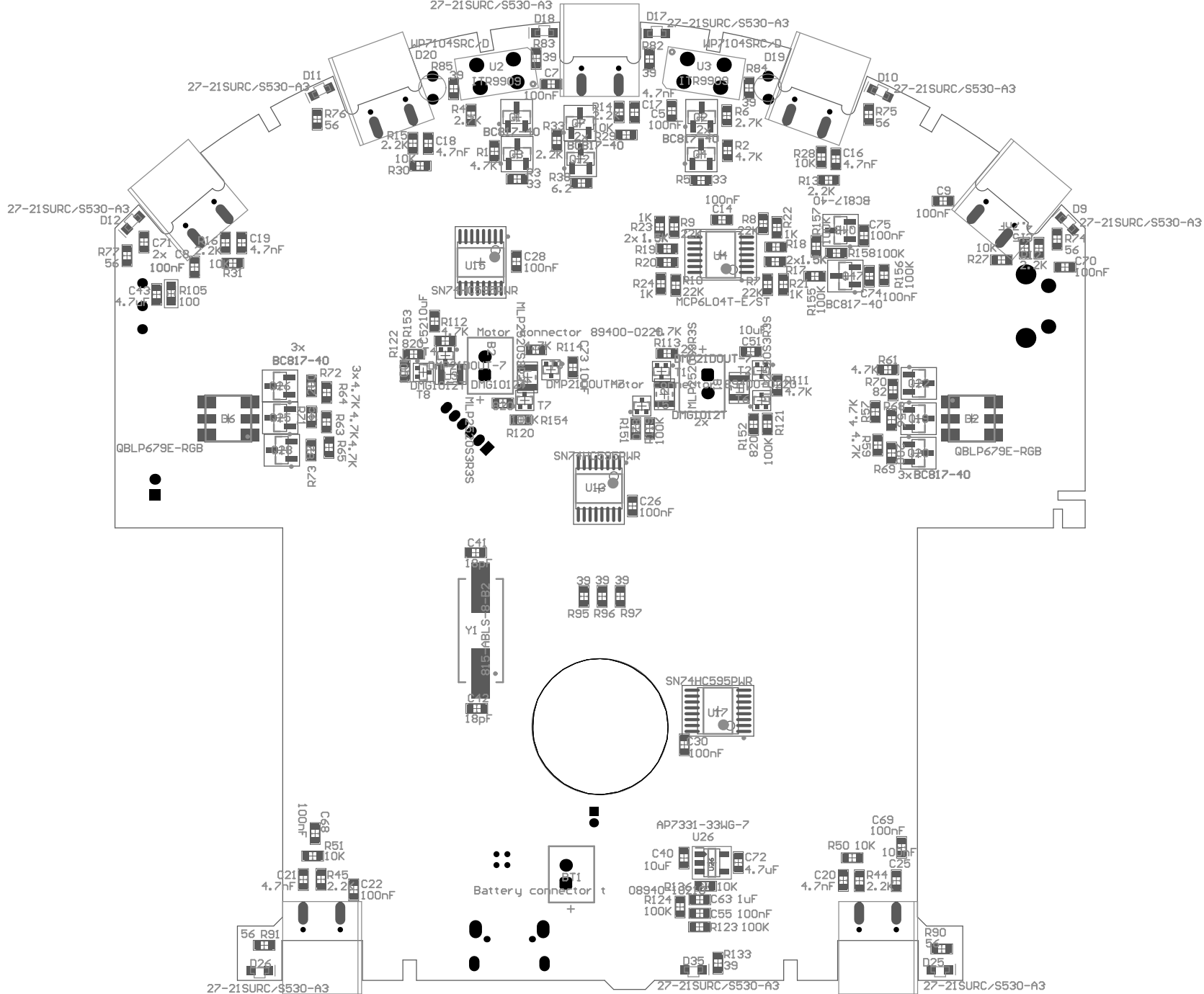
Original design LSRO



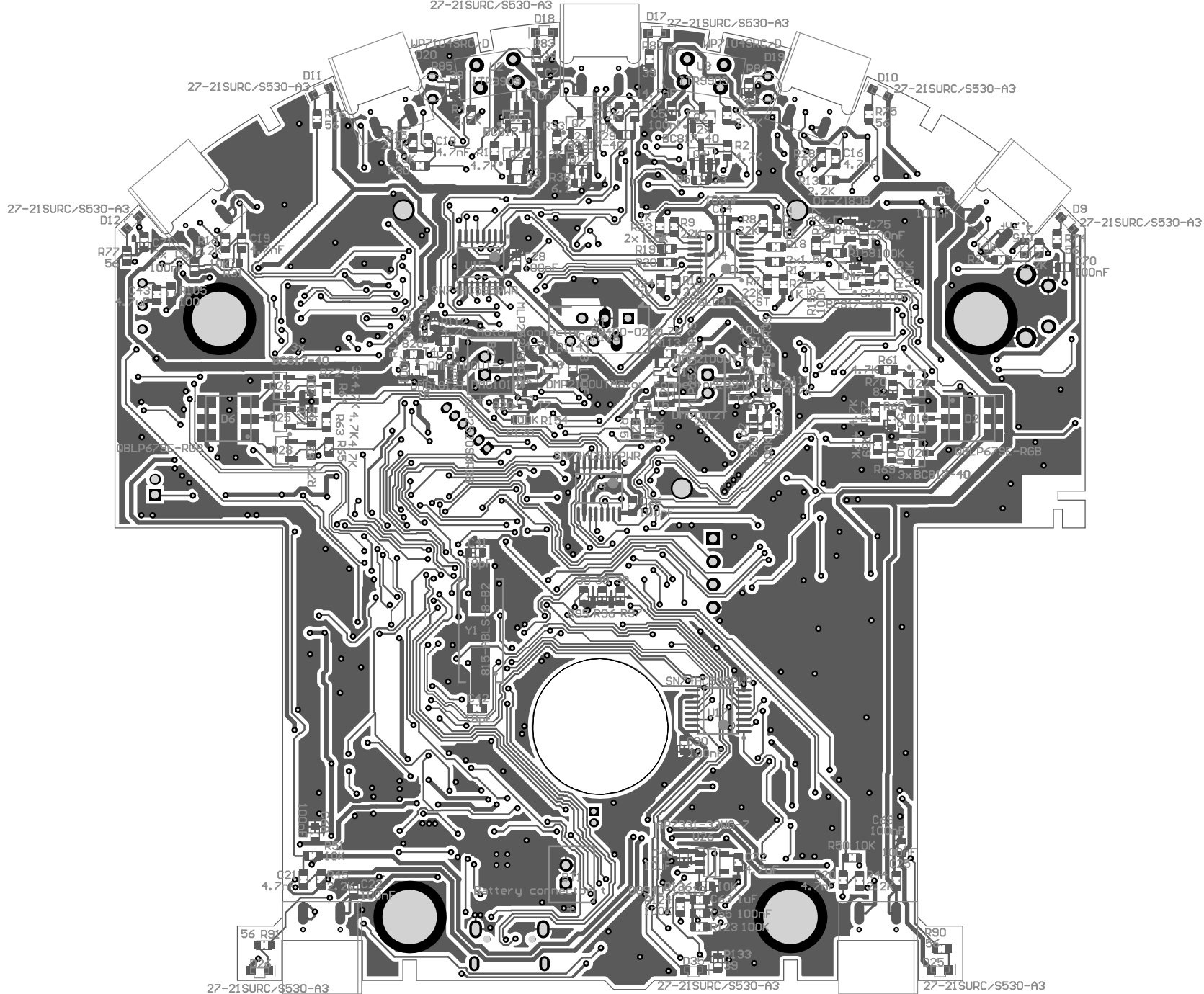


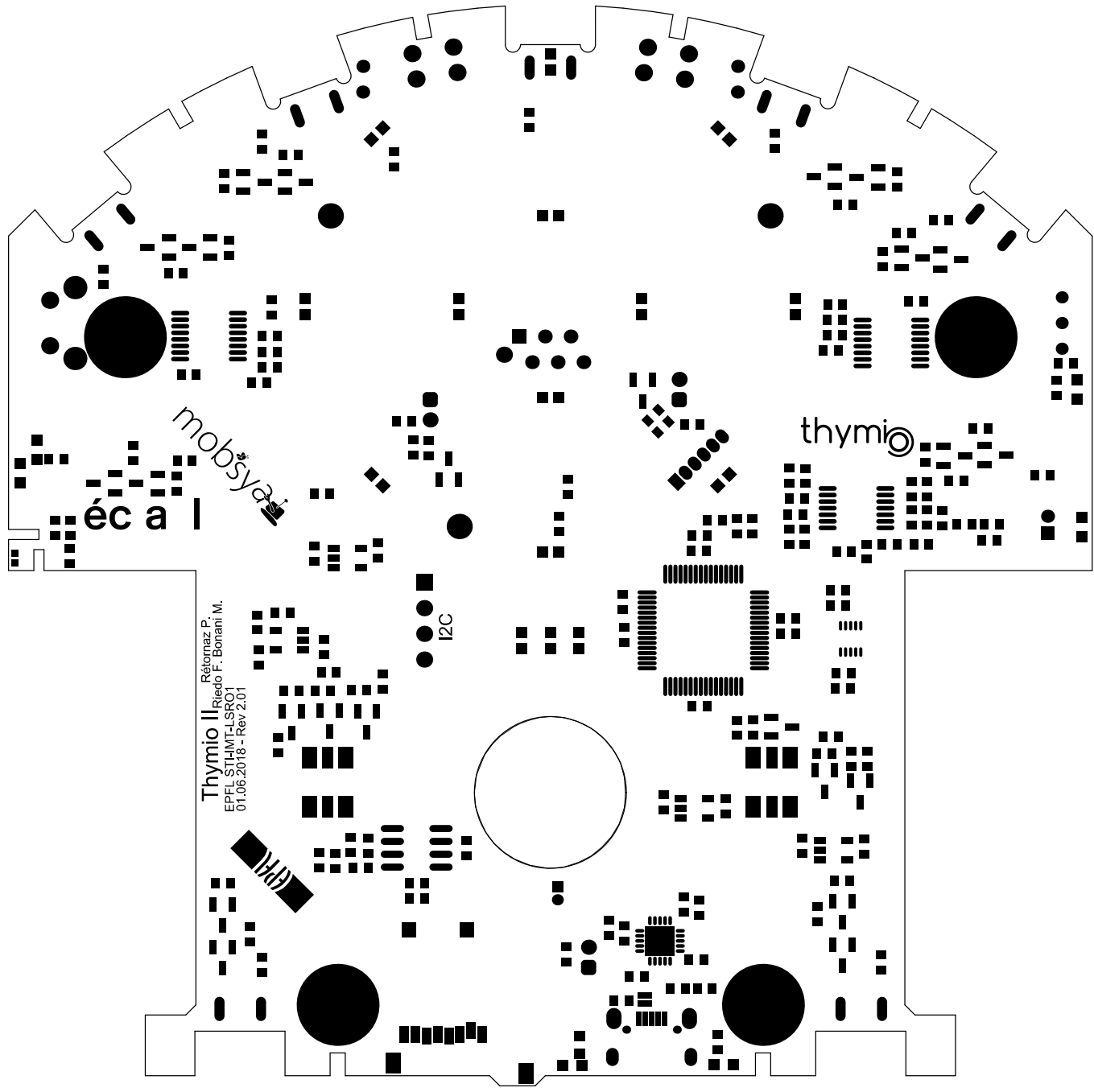


MicroSD-Astron 5190008-XA4-R









Thymio II Révisé P.  
EPFL STI-HMT-LSRO1  
01.06.2018 - Rev 2.01

mobsya

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