ie-track-kit-arduino-1

1.1

Variant: [No Variations]

26.03.2019

RELEASED 07-APR-2015

DESIGN CONSIDERATIONS

DESIGN NOTE:
Example text for informational design notes.

DESIGN NOTE:
Example text for cautionary design notes.

DESIGN NOTE:
Example text for debug notes.

DESIGN NOTE:
Example text for critical design notes.

LAYOUT NOTE:
Example text for critical layout guidelines.

A P P R O V E D
REV: 1.1 / 26.03.2019

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REVISION HISTORY

Rev.	Date	Author	Description
0.1P	01/02/2017	COVER PAGE	COVER PAGE

TODOs, PROPOSALS & IMPROVEMENTS

Text

APPROVED
REV: 1.1 / 23.07.2018

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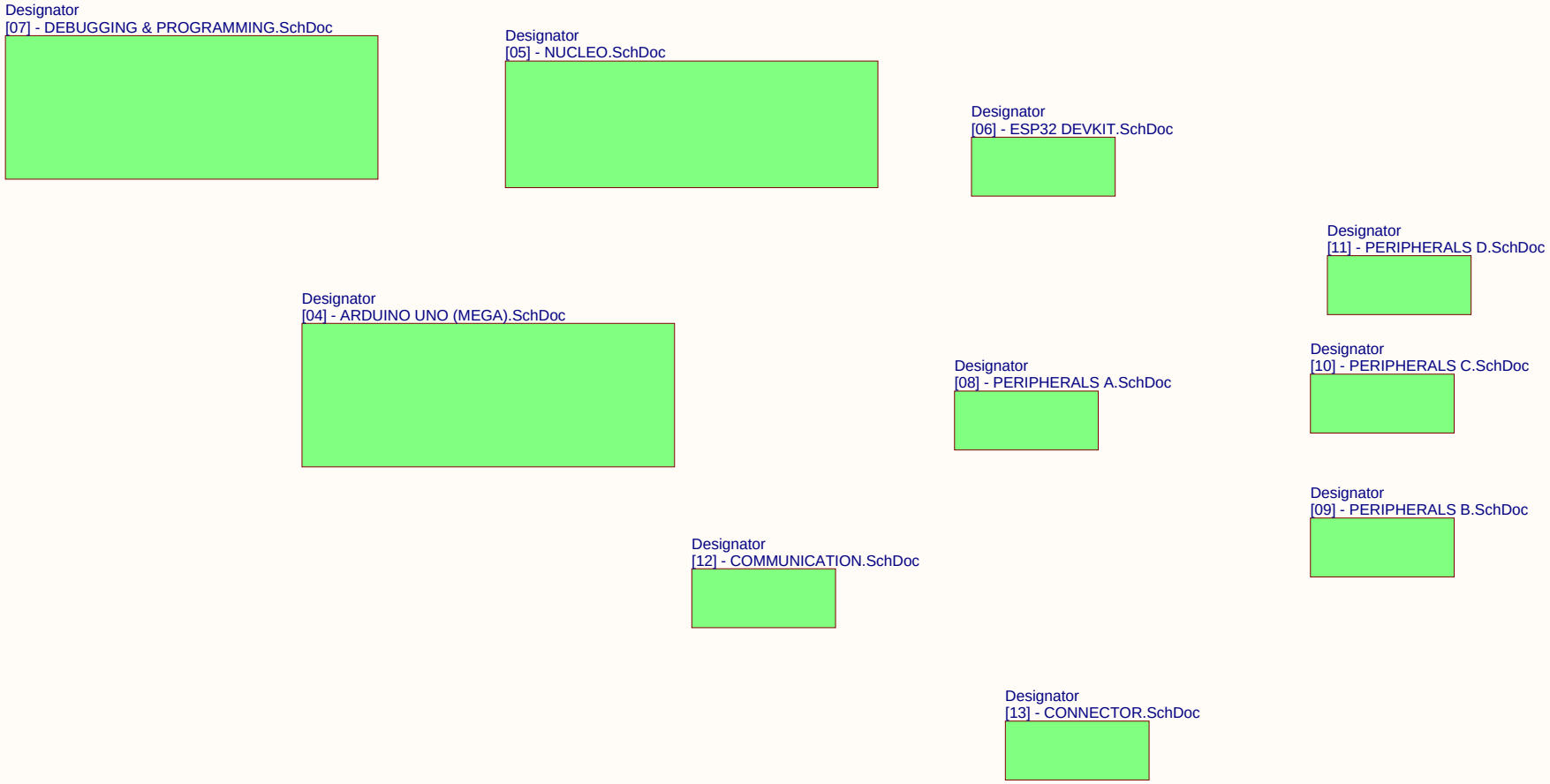
ie-track-kit-arduino-1.PrjPcb

(Block Diagram)



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REV: 1.1 / 17.08.2018

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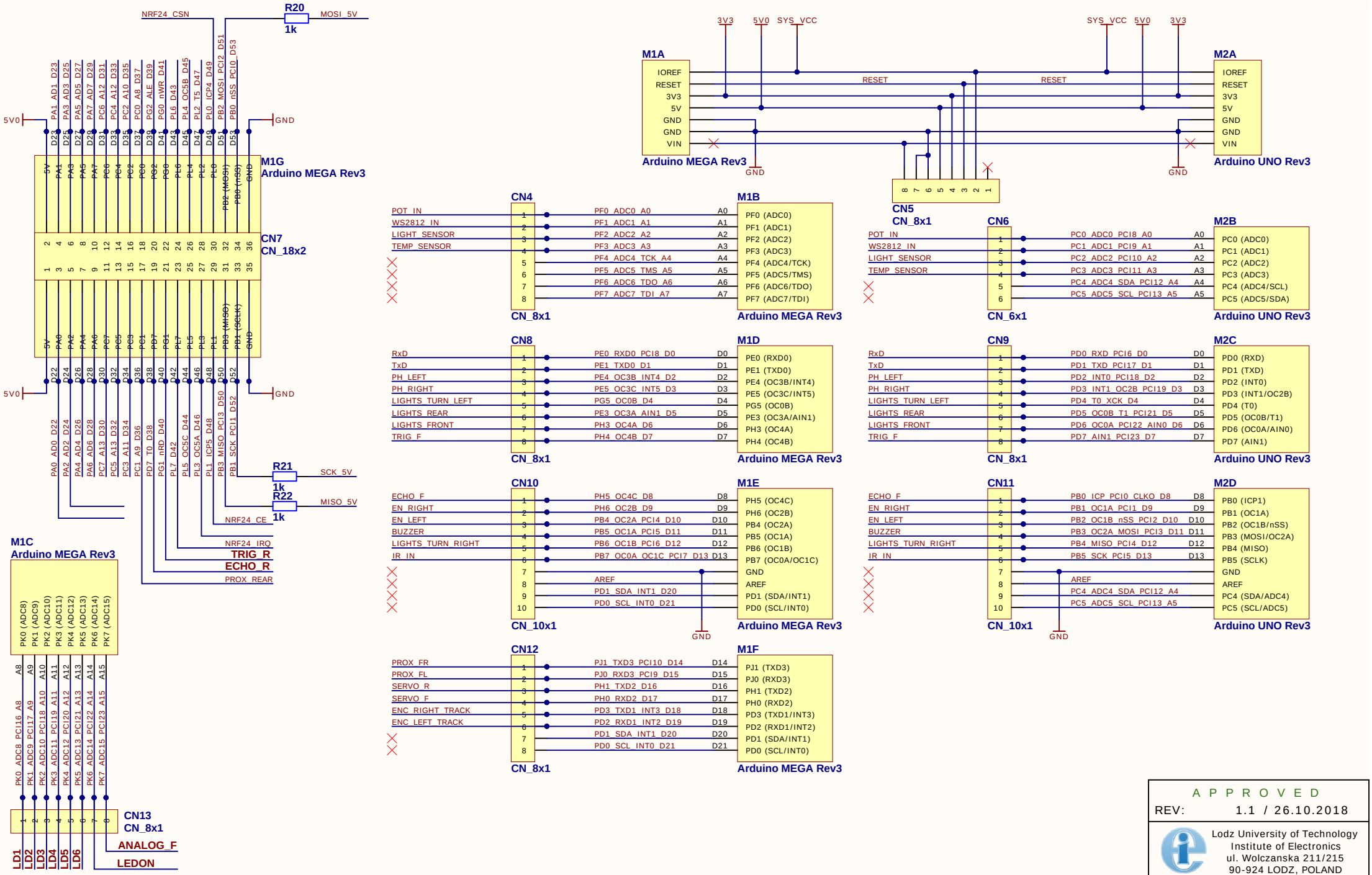

APPROVED
REV: 1.1 / 26.10.2018

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Project name: ie-track-kit-arduino-1.PrjPcb | Title: [04] - ARDUINO UNO (MEGA).SchDoc | Author: Pawel Poryzala | Verified by: Pawel Poryzala | * / *

A P P R O V E D

REV: 1.1 / 25.07.2018

Lodz University of Technology
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Project name: ie-track-kit-arduino-1.PrjPcb

Title: [05] - NUCLEO.SchDoc

Author: Pawel Poryzala

Verified by: Pawel Poryzala

* / *

A P P R O V E D

REV: 1.1 / 25.07.2018

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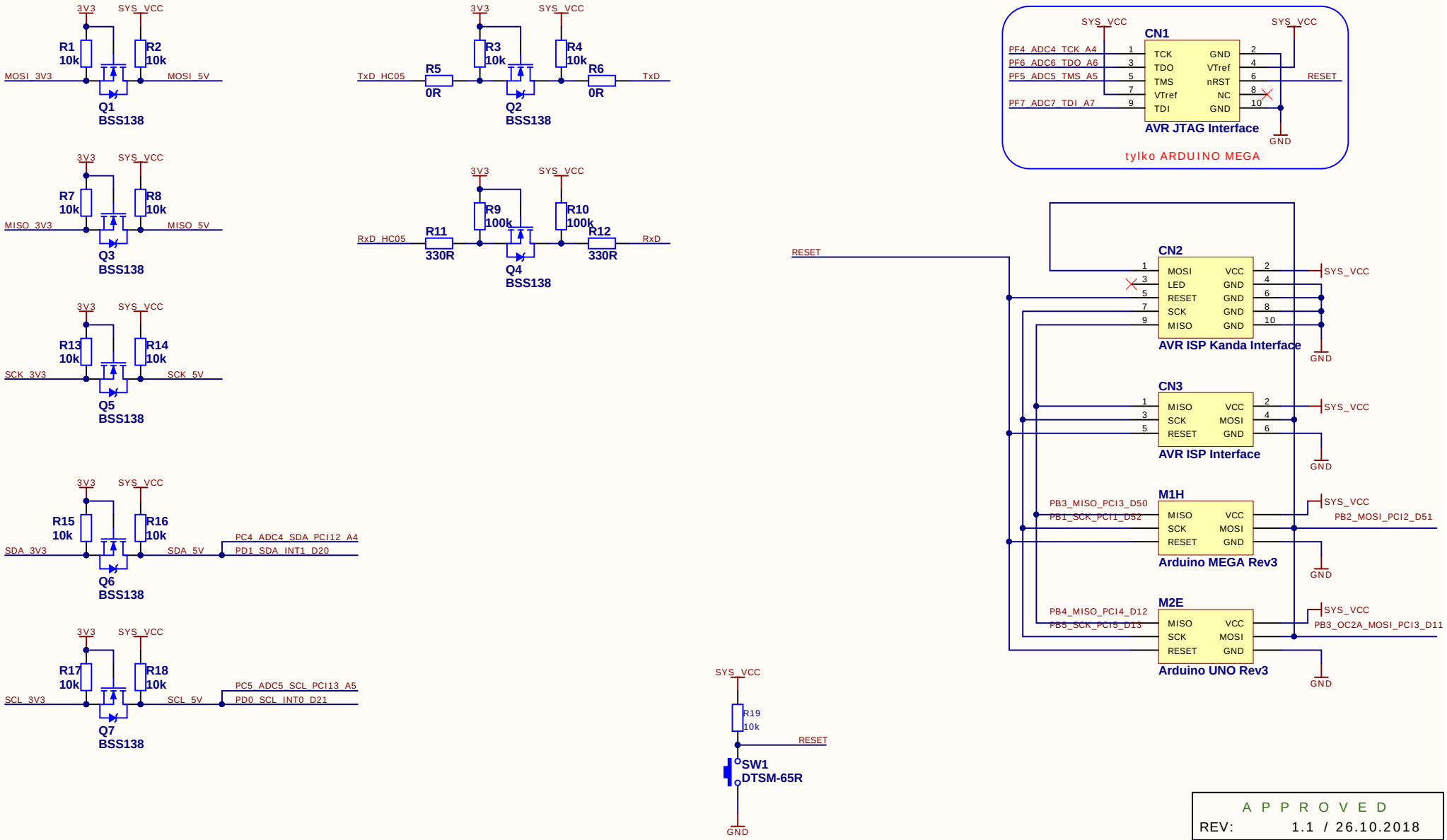
Project name: ie-track-kit-arduino-1.PrjPcb

Title: [06] - ESP32 DEVKIT.SchDoc

Author: Pawel Poryzala

Verified by: Pawel Poryzala

* / *



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REV: 1.1 / 26.10.2018

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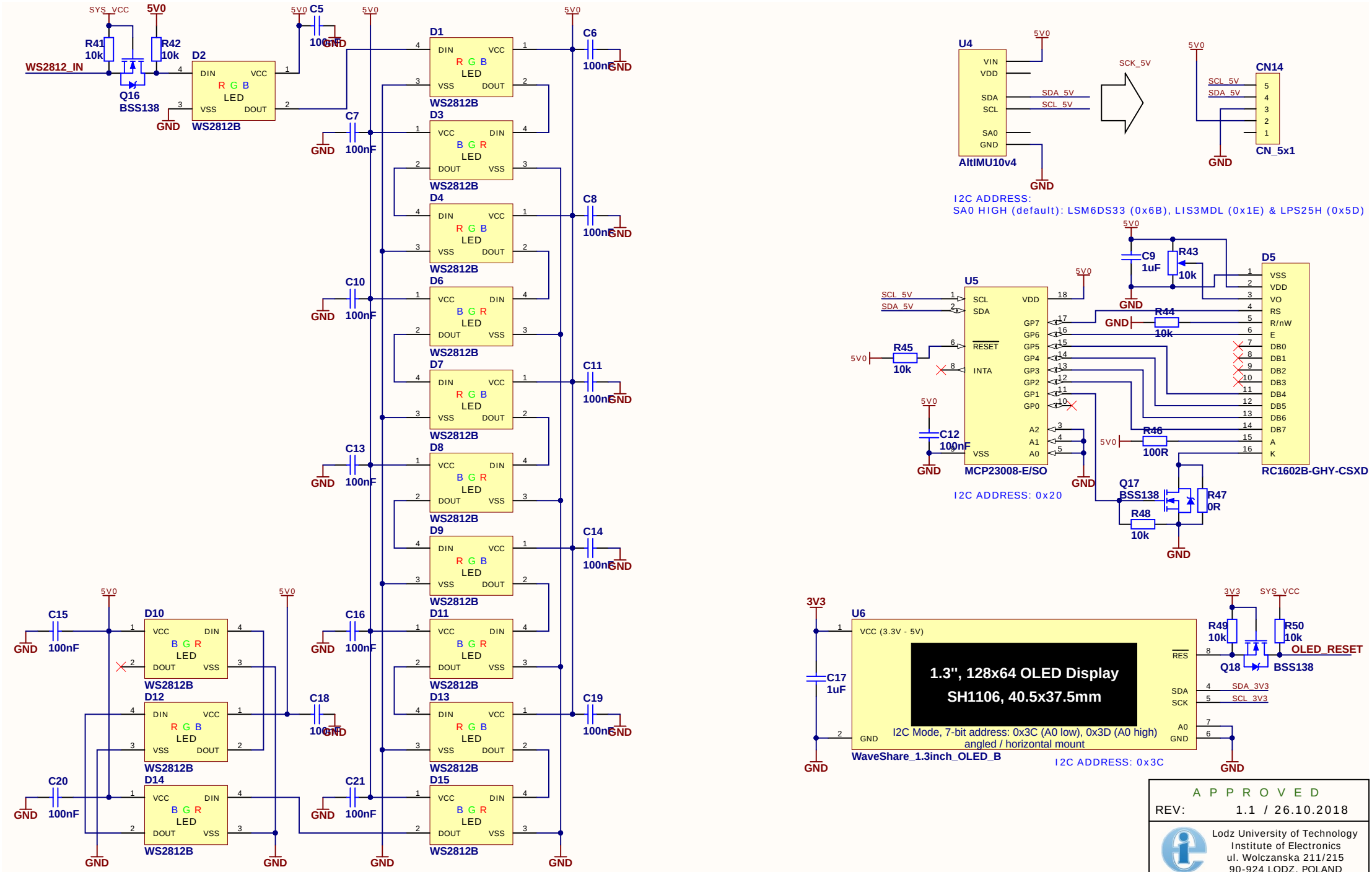
Project name:	Title:	Author:	Verified by:	
ie-track-kit-arduino-1.PrjPcb	[07] - DEBUGGING & PROGRAMMING.SchDoc	Pawel Poryzala	Pawel Poryzala	* / *



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REV: 1.1 / 26.10.2018

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Project name:	Title:	Author:	Verified by:	
ie-track-kit-arduino-1.PrjPcb	[08] - PERIPHERALS A.SchDoc	Pawel Poryzala	Pawel Poryzala	* / *

odbiornik IR - sterowanie z pilota

IR proximity sensors

3-4 przyciski

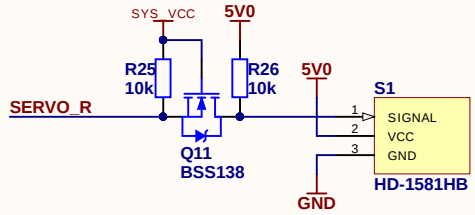
diody LED

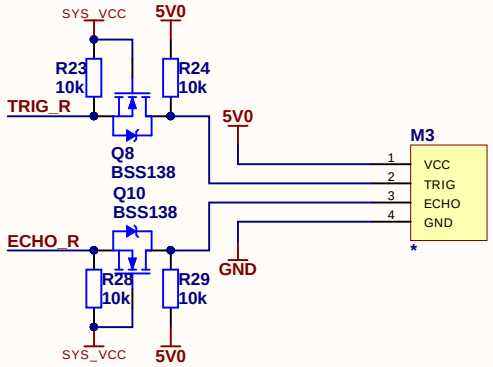
diody i odbiorniki IR na rogach?

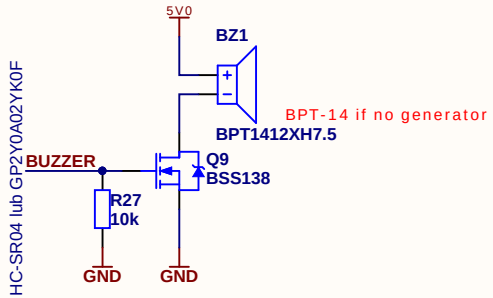
konwertter USB-UART

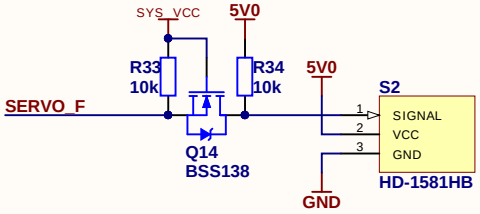
porzełączniku snap-action?

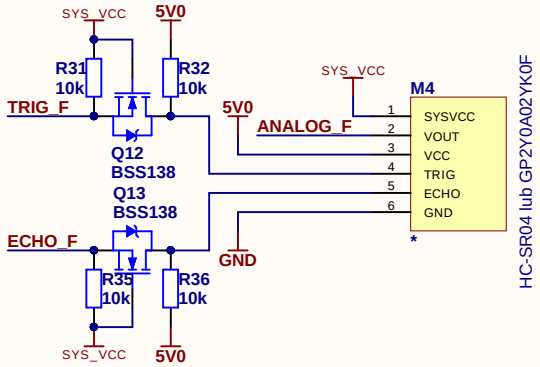
kontroler PCA9685 do PWMow - jest biblioteka dla serw

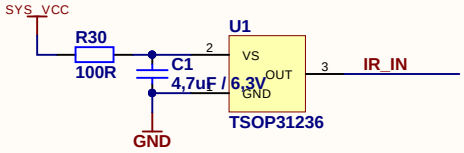


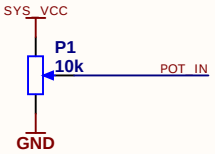


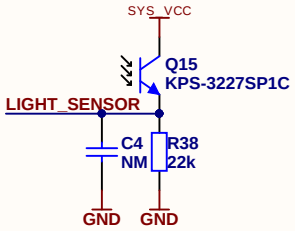


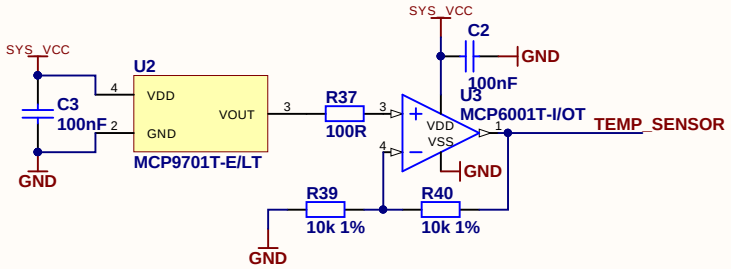












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REV: 1.1 / 26.10.2018

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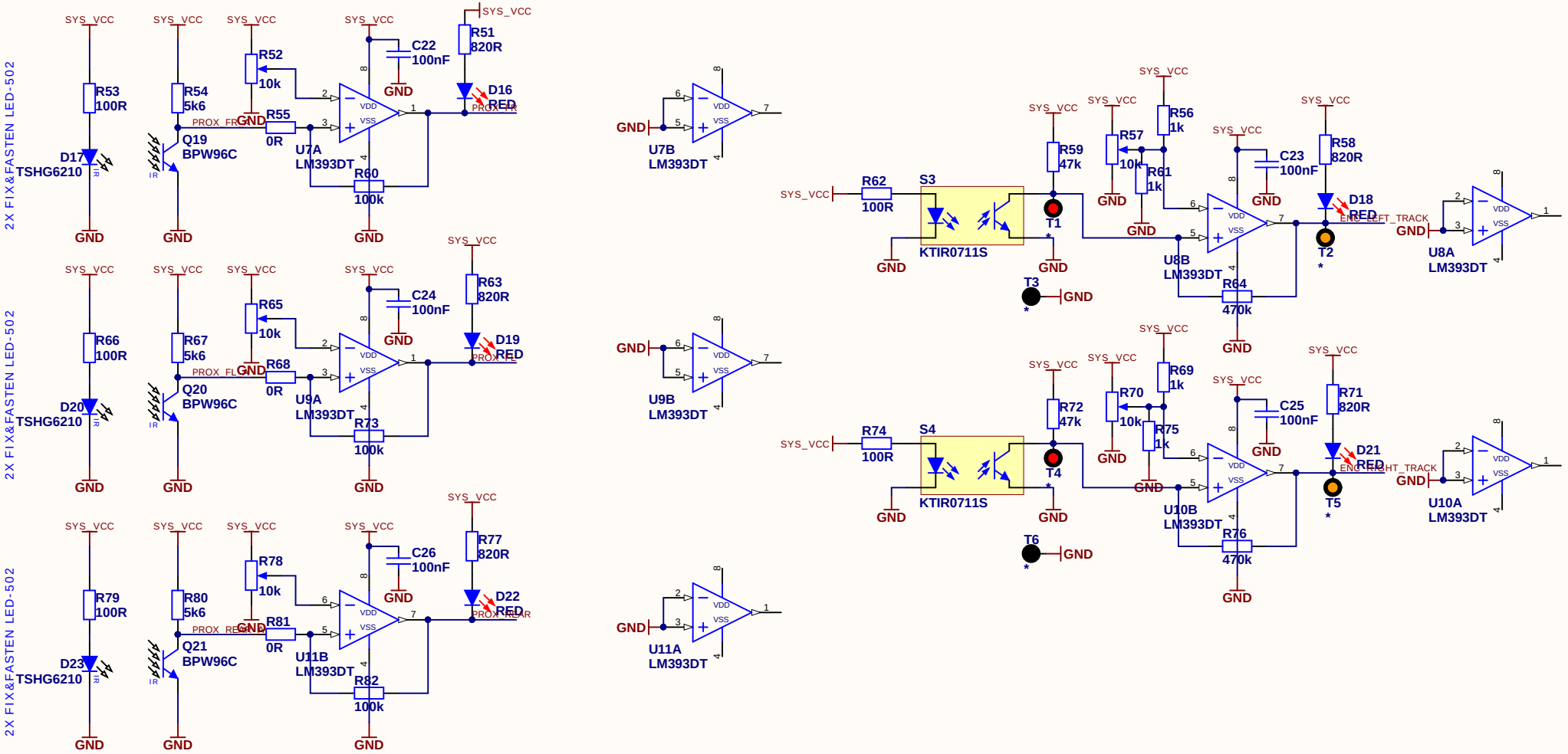

APPROVED	
REV:	1.1 / 27.09.2018

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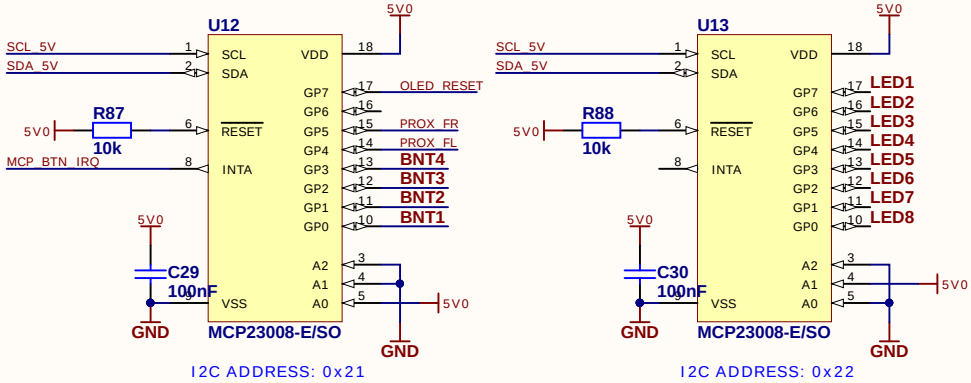
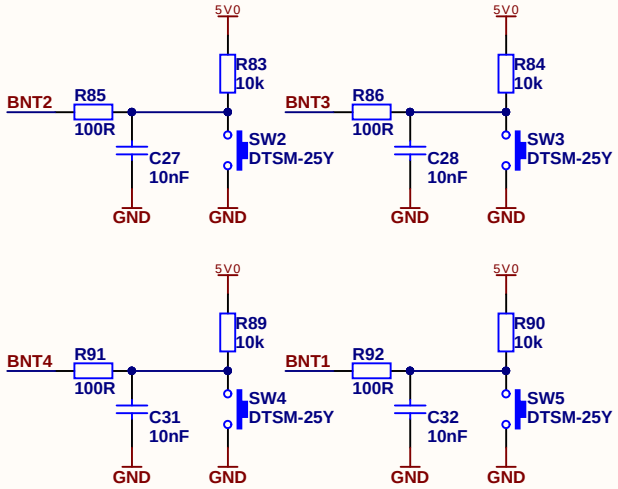
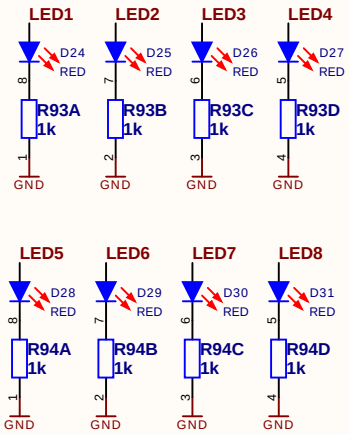
Project name:	ie-track-kit-arduino-1.PrjPcb	Title:	[10] - PERIPHERALS C.SchDoc	Author:	Pawel Poryzala	Verified by:	Pawel Poryzala	* / *







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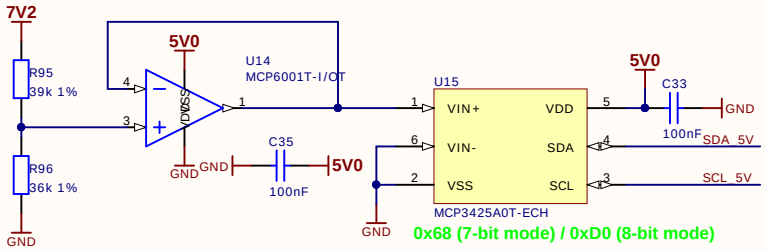

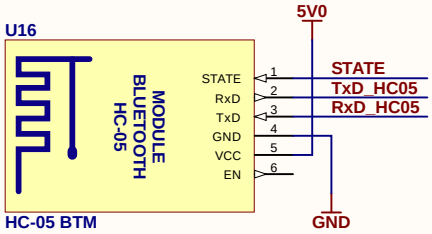

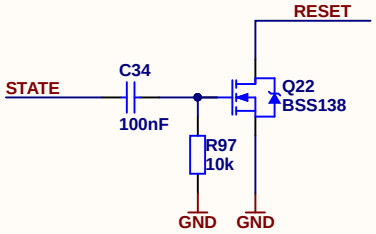

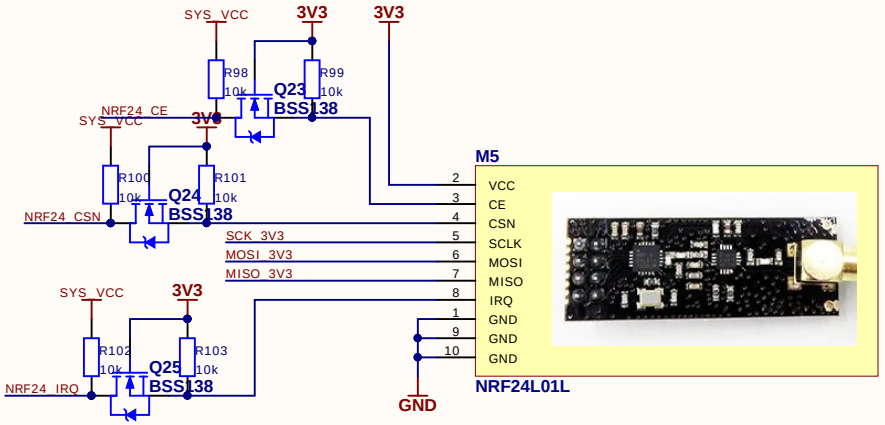

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REV:	1.1 / 27.09.2018

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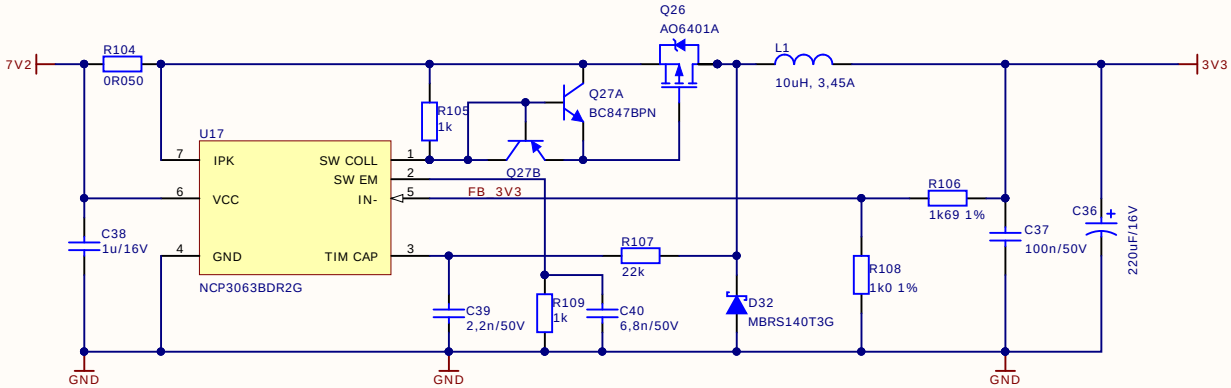
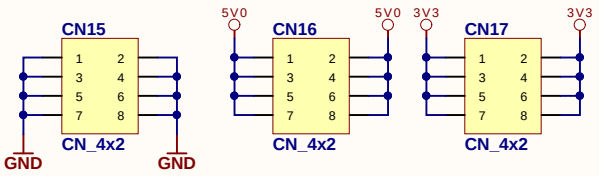
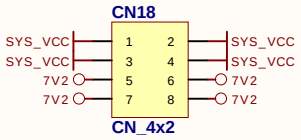
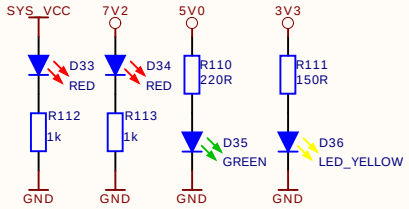
Project name:	ie-track-kit-arduino-1.PrjPcb	Title:	[12] - COMMUNICATION.SchDoc	Author:	Pawel Poryzala	Verified by:	Pawel Poryzala	A4	X / Y

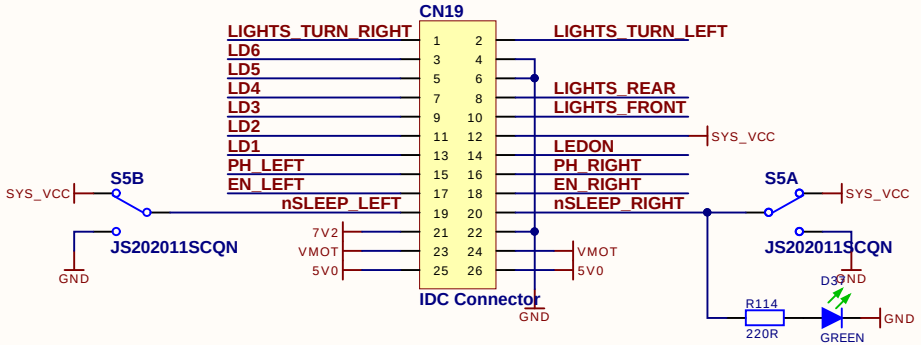


dla 3V3: R106 = 3k9 1% | R108 = 2k4 1%
lub: R106 = 1k69 1% | R108 = 1k0 1%









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Project name:	Title:	Author:	Verified by:	
ie-track-kit-arduino-1.PrjPcb	[13] - CONNECTOR.SchDoc	Pawel Poryzala	Pawel Poryzala	A4 * / *