

Fastbit Embedded Technologies Pvt. Ltd.

<https://fastbitembedded.com/>

Confidential

PROJECT TITLE HERE

Project Description Here

Key specifications

Input voltage	5V DC / 12V DC
Output voltages	3.3V, 1.8V
Max current	2A total
Interfaces	USB, SPI, I2C, CAN, UART
MCU	ESP/STM32
Temp range	-40°C to +85°C
Board size	100mm × 80mm
PCB layers	2-layer

Block Diagram



Project Architecture



Project Links and References

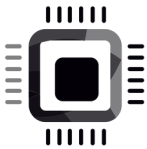
Example text for informational design notes.

Revision History

Rev	Date	Description	Author
1	YYYY-MM-DD		Engineer 1
2	YYYY-MM-DD		Engineer 2
3	YYYY-MM-DD		Engineer 3

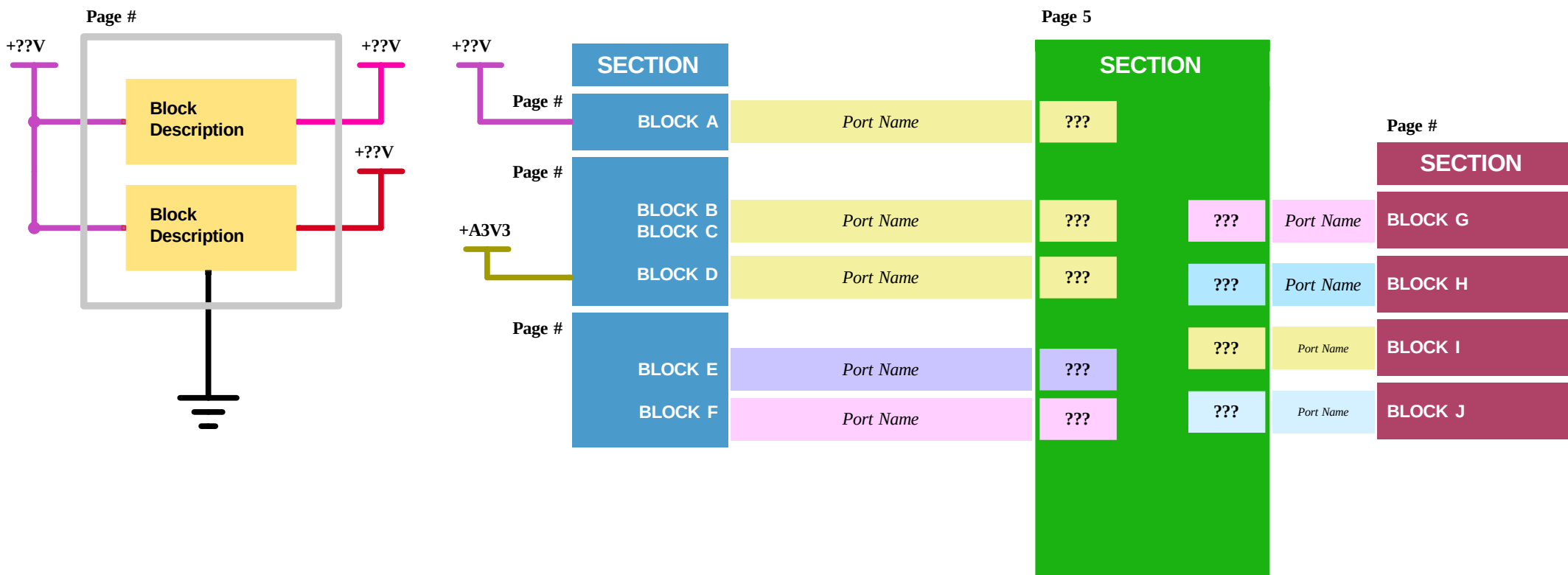
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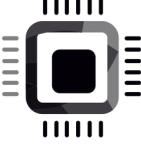
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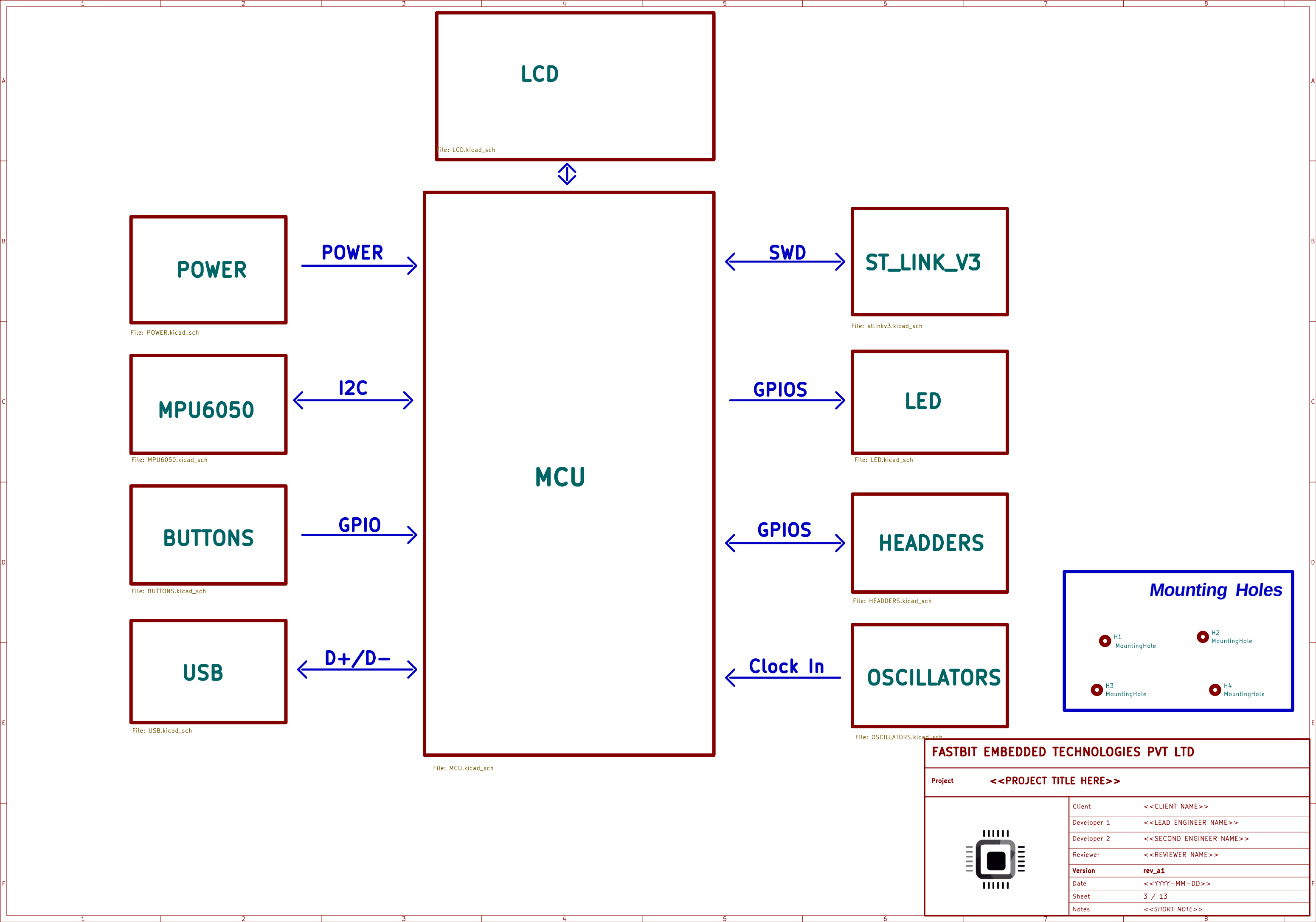


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Developer 1	<<LEAD ENGINEER NAME>>
Developer 2	<<SECOND ENGINEER NAME>>
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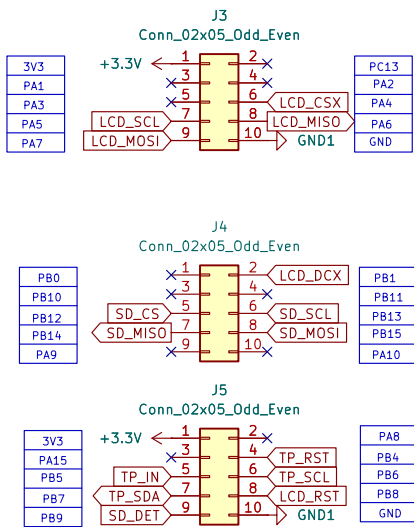
Block Diagram



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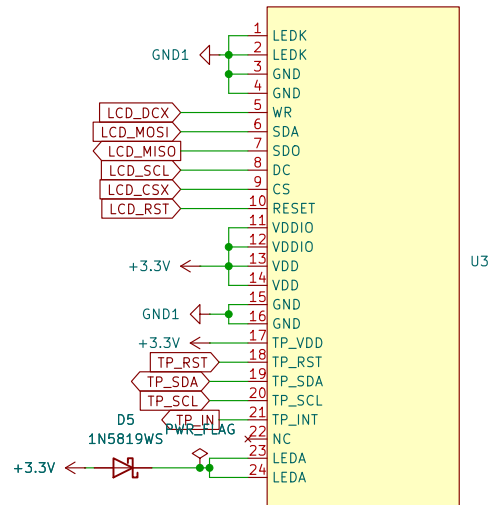


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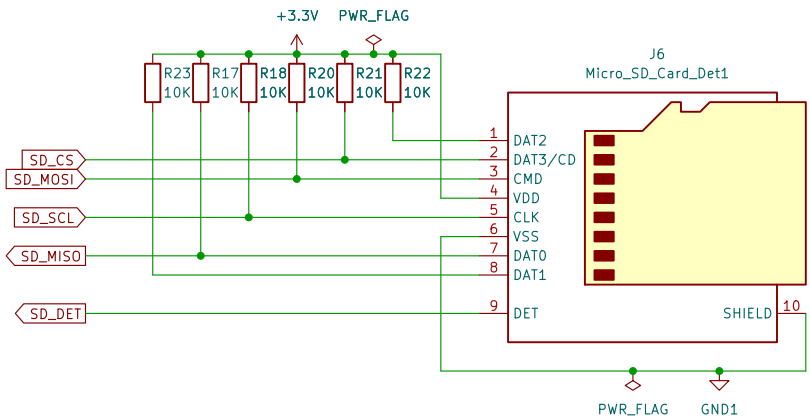


TOUCH PANEL (CST816S)

LCD (GC9A01)

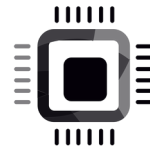


u-SD CARD

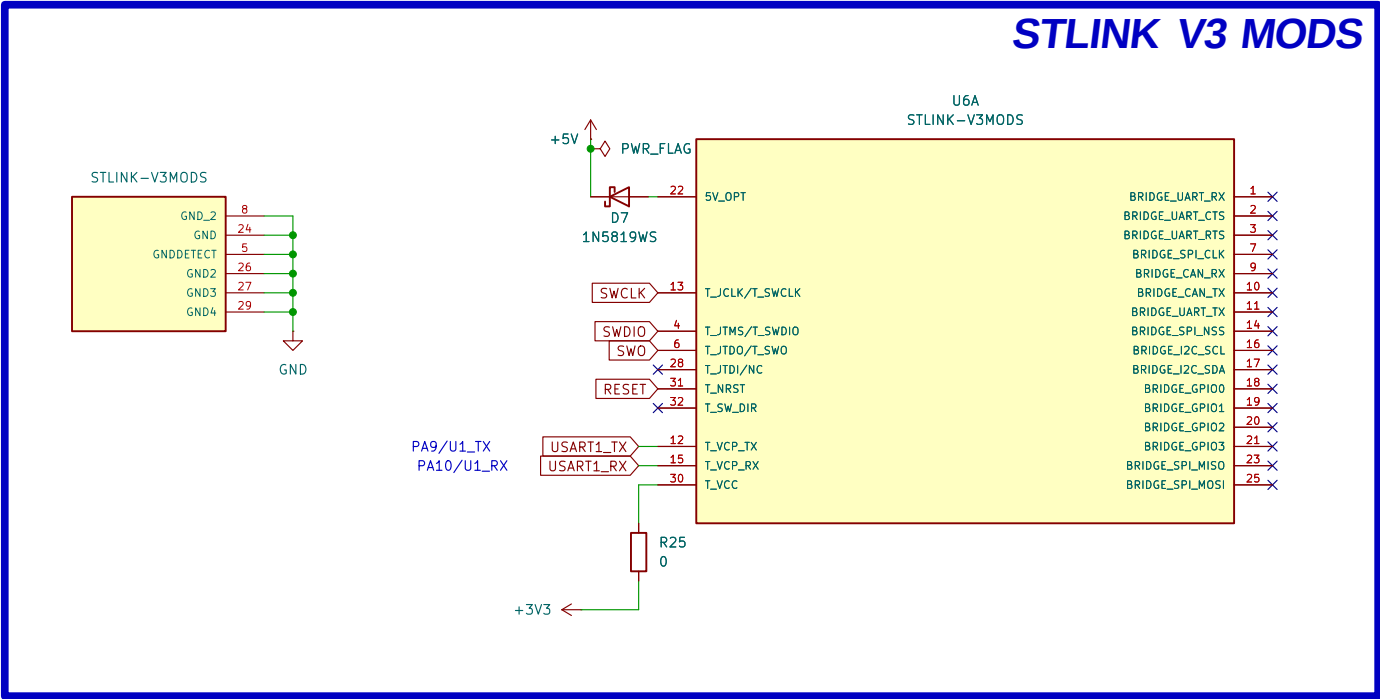


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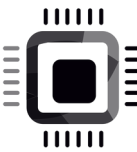


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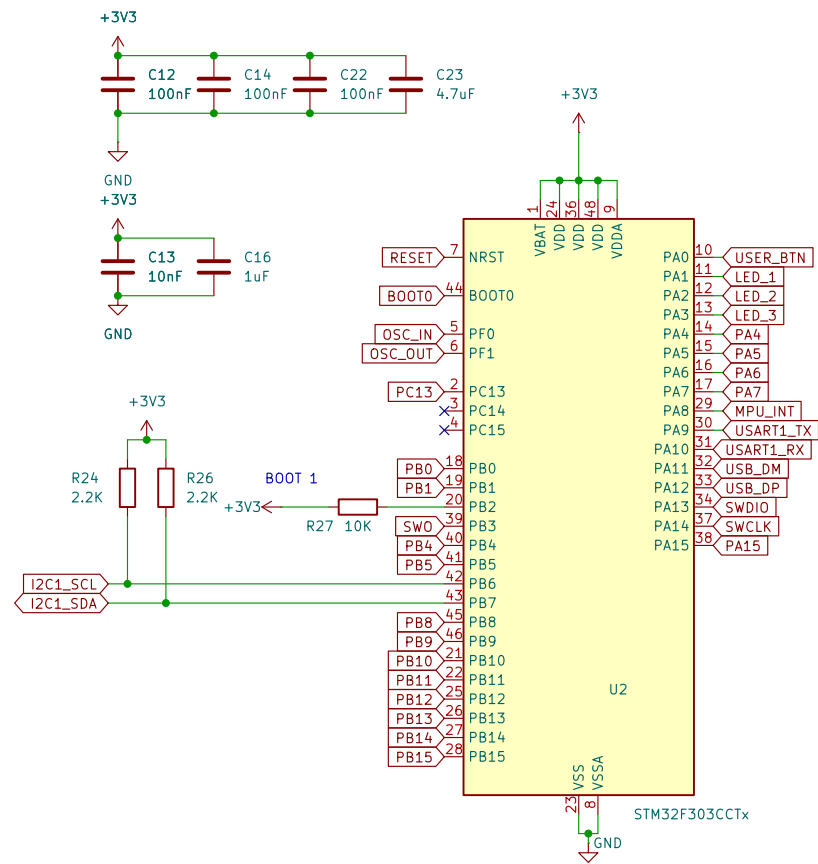
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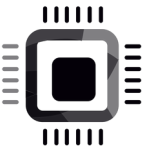
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STM32F303CCT6 MCU

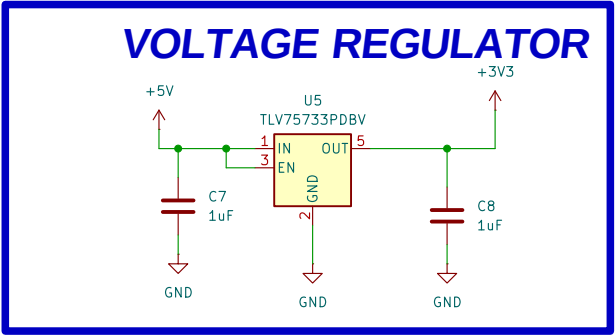


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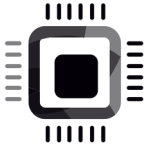


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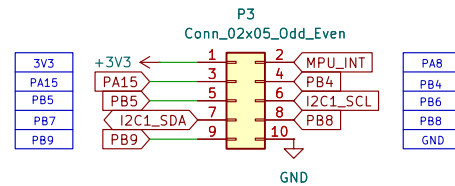
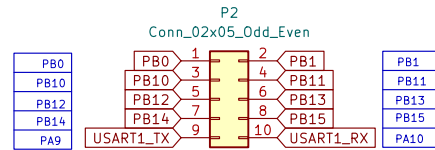
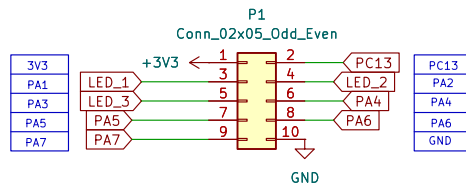
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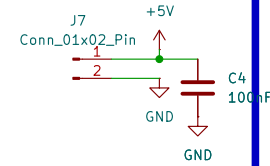


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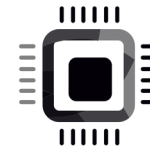


5v



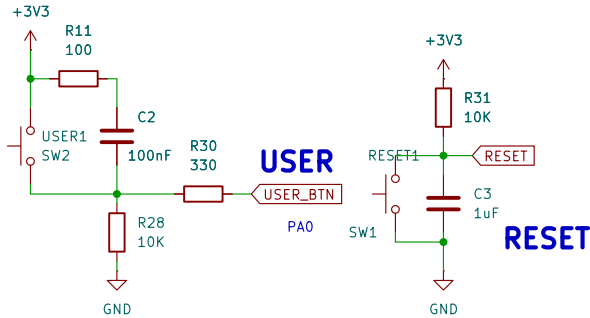
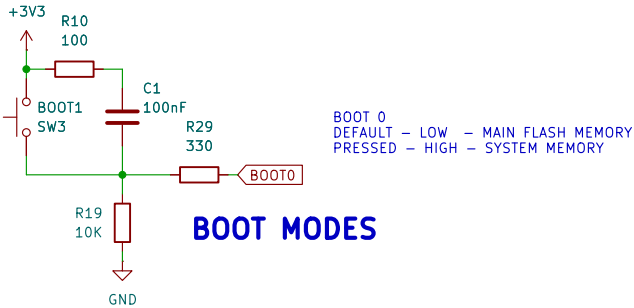
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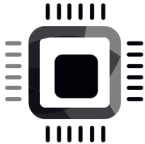
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BUTTONS

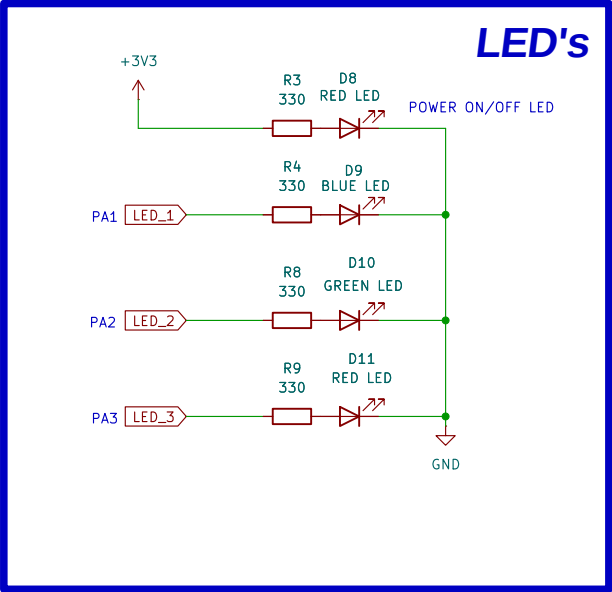


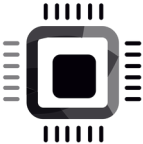
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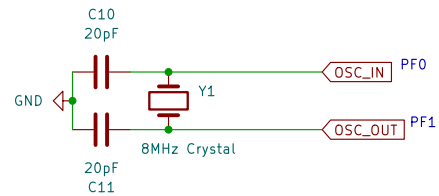


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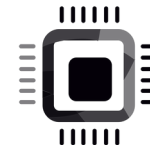
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OSCILLATORS

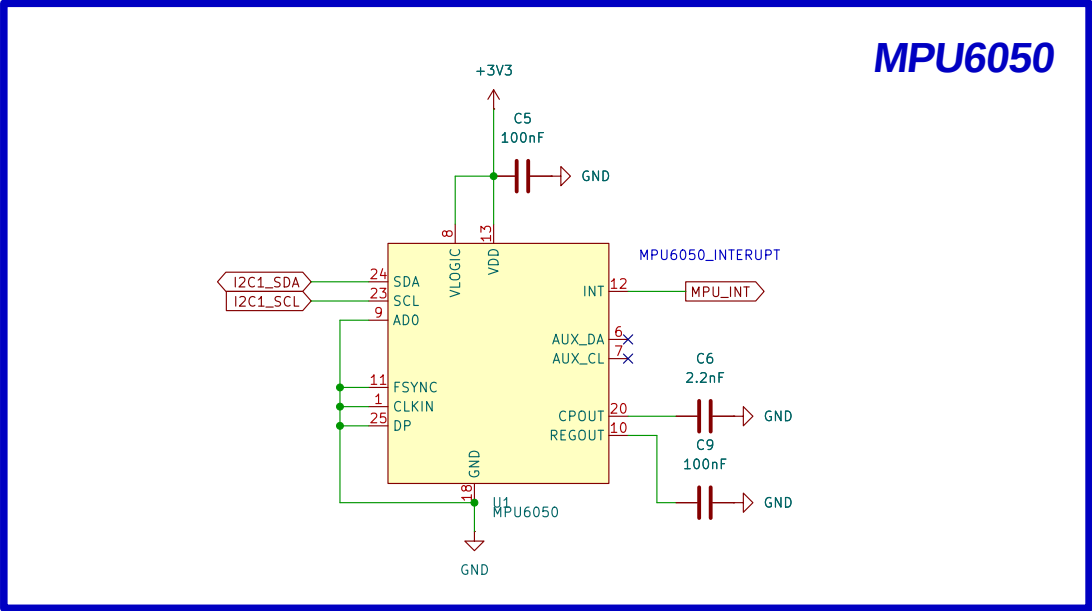


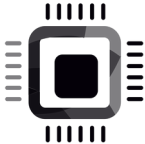
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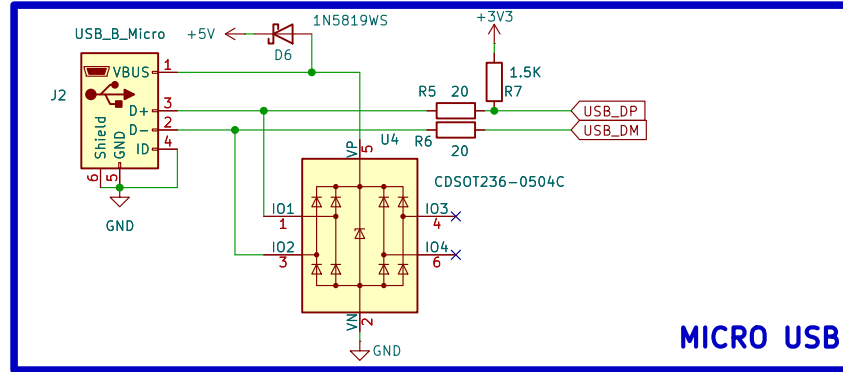
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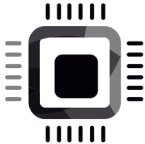


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