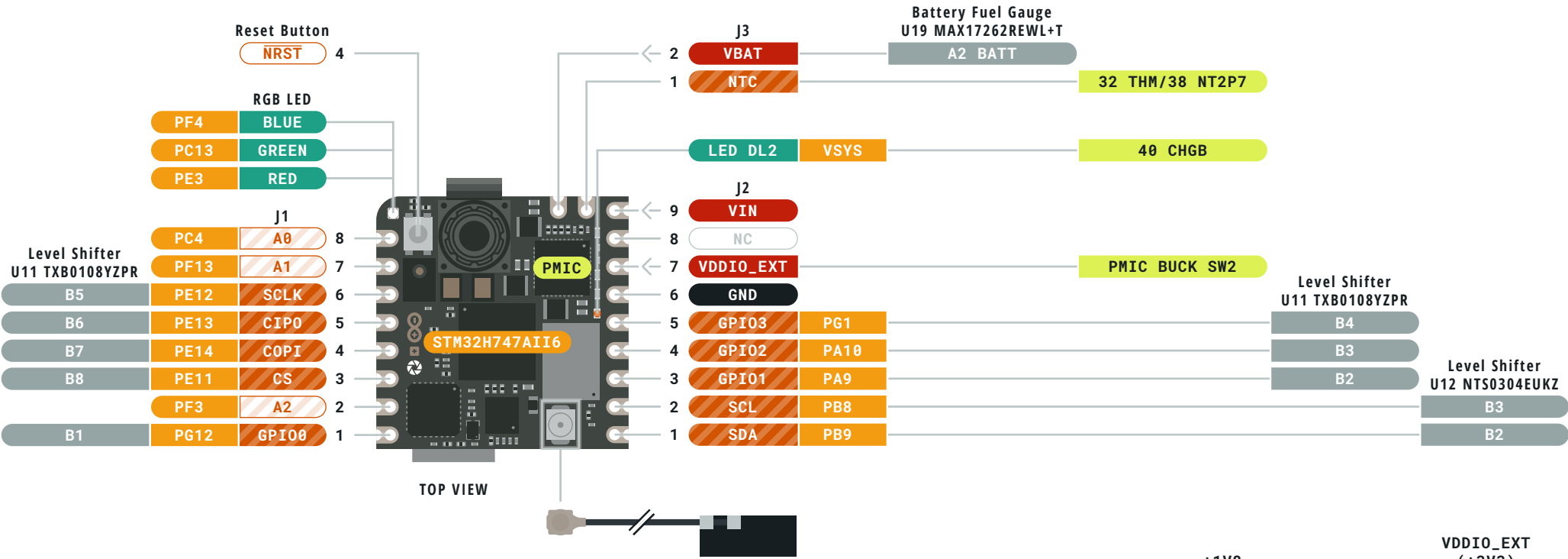


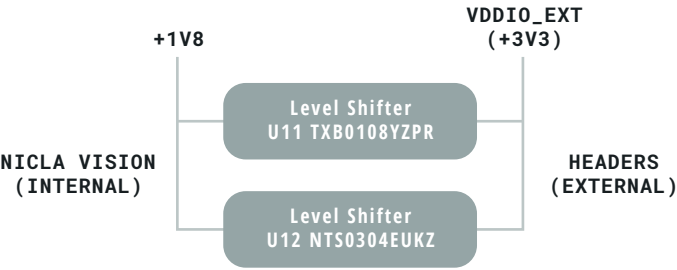
If the battery has NTC cable, connects it to the NTC pin J3-1

The battery also connects with the Battery Connector J4 on the bottom of the board



TOP VIEW

Connect the provided WiFi/Bluetooth Antenna (MOLEX 2.4/5GHz) with the Micro UFL connector on the Nicla Vision

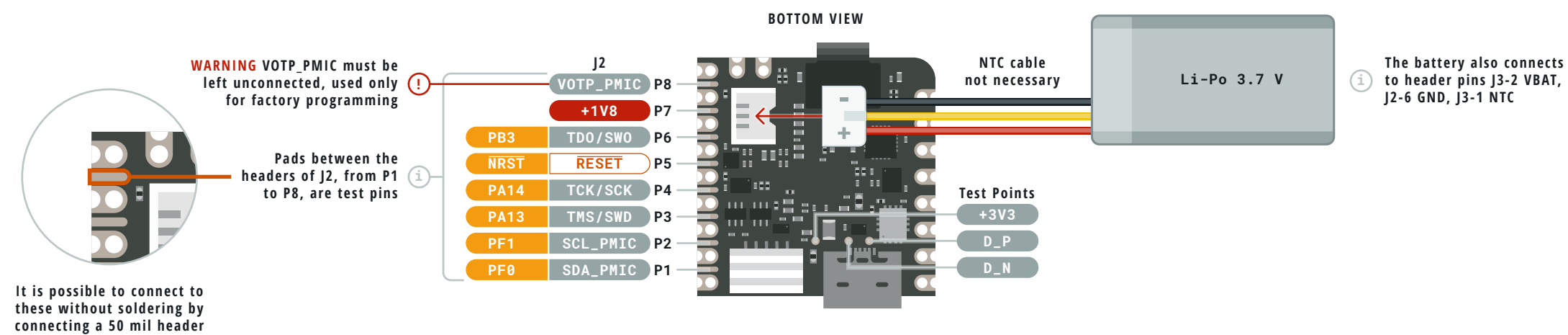


- Ground
- Power
- LED
- Internal Pin
- SWD Pin
- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- PMIC MC34PF1550A0EP's Port

WARNING GPIOs are driven by bidirectional translators powered by VDDIO_EXT. These translators are meant for low power and can only drive very limited current. Please check translator datasheet for details. VDDIO_EXT is software programmable between 1.8 and 3.3V



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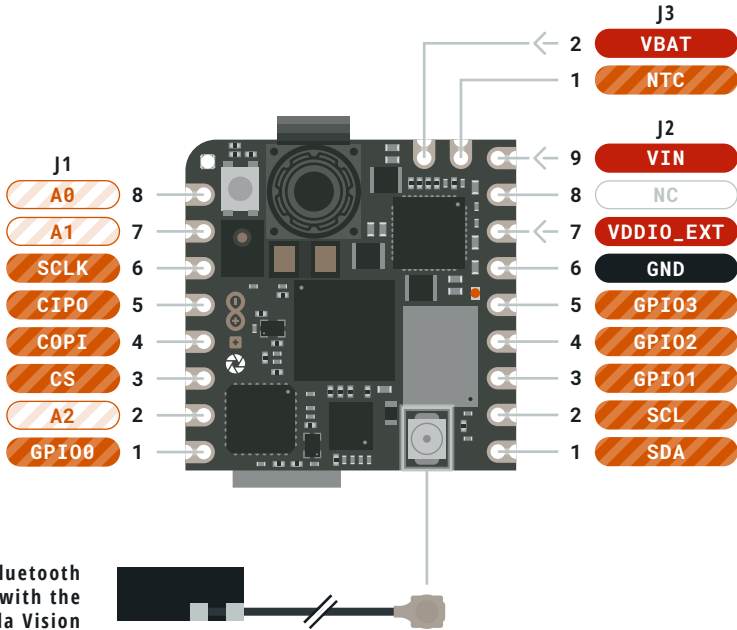
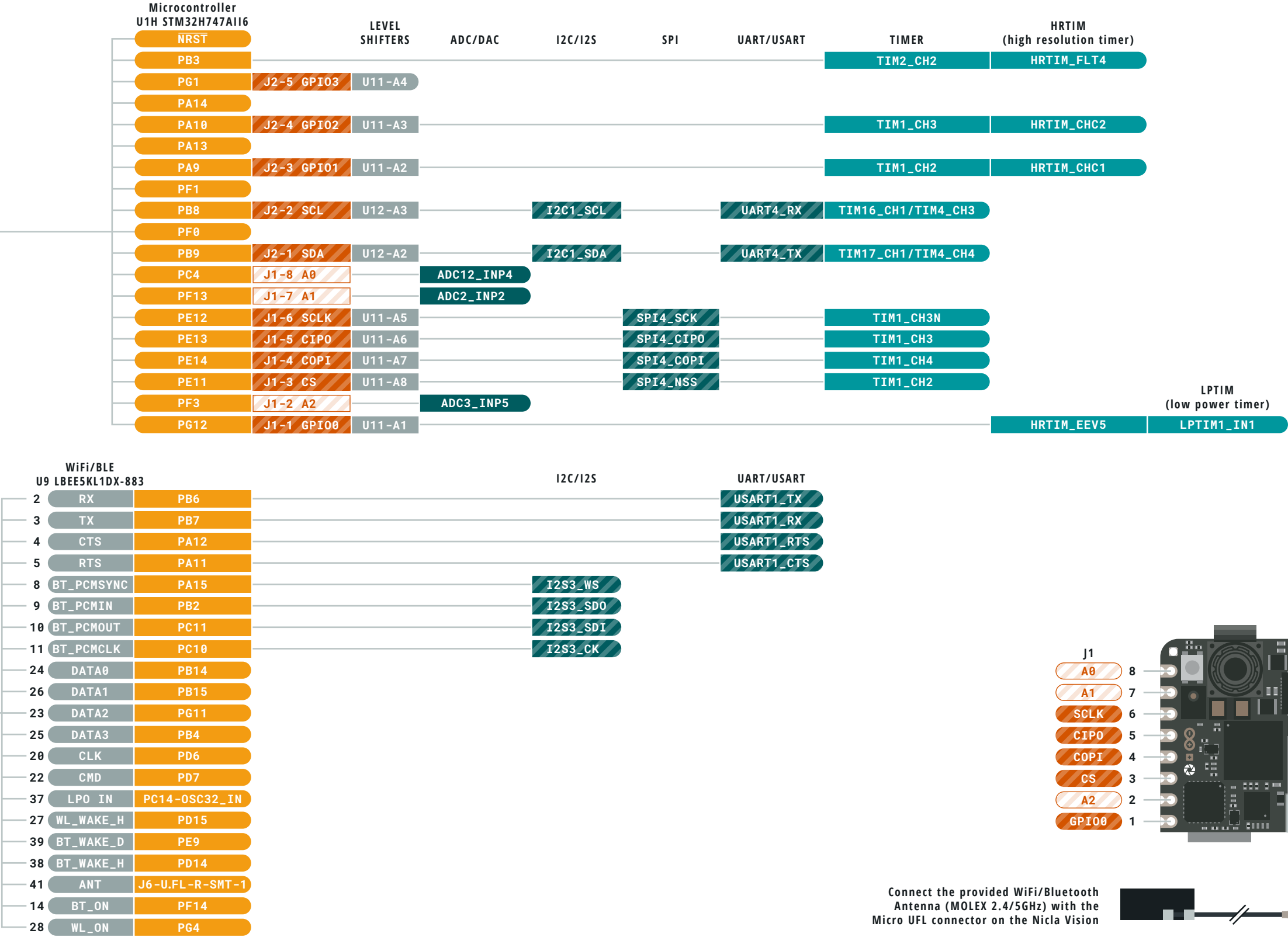
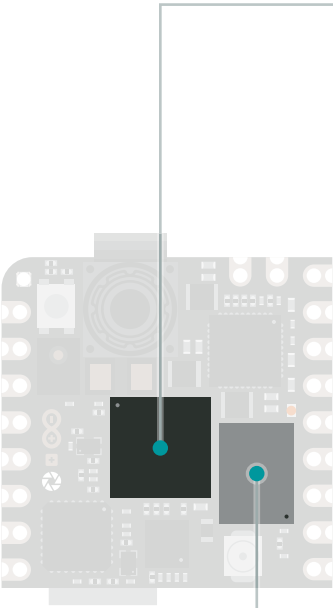


- | | |
|--------------|----------------------------|
| Ground | Digital Pin |
| Power | Analog Pin |
| LED | Other Pin |
| Internal Pin | Microcontroller's Port |
| SWD Pin | PMIC MC34PF1550A0EP's Port |

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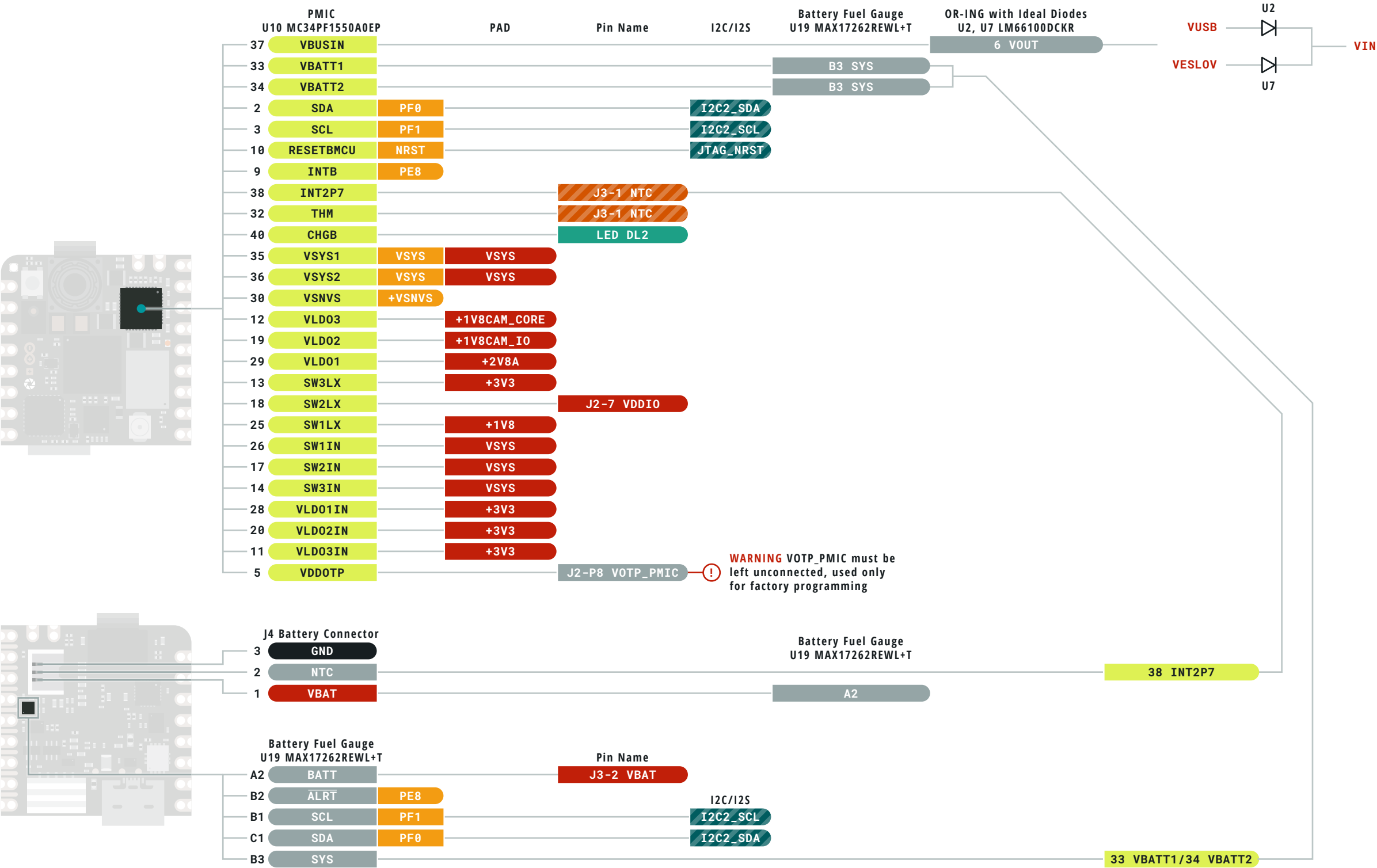


- Ground
- Power
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- Internal Pin
- SWD Pin
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- Analog
- Communication
- Timer
- Extra Features
- Debug/Clock

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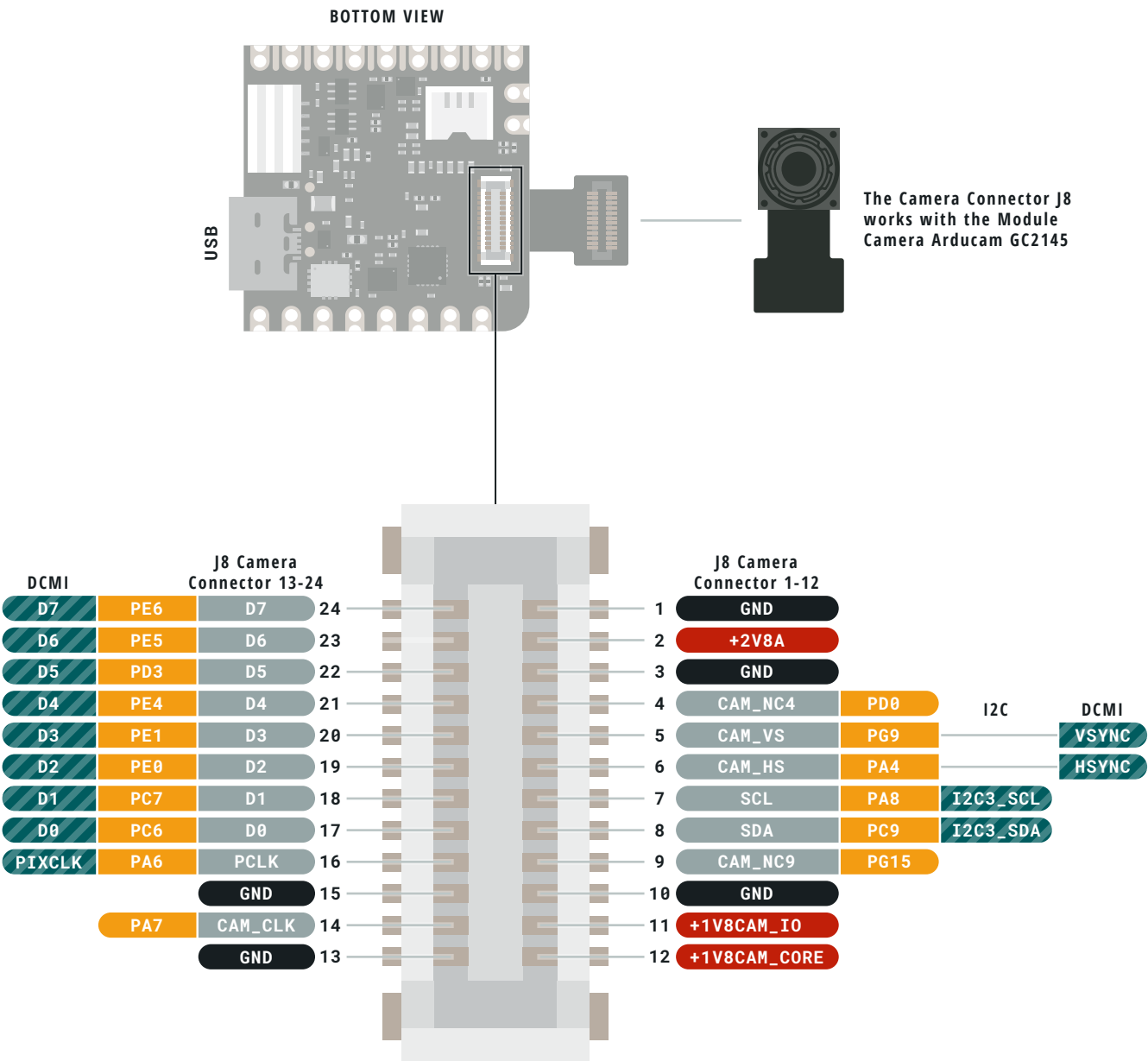
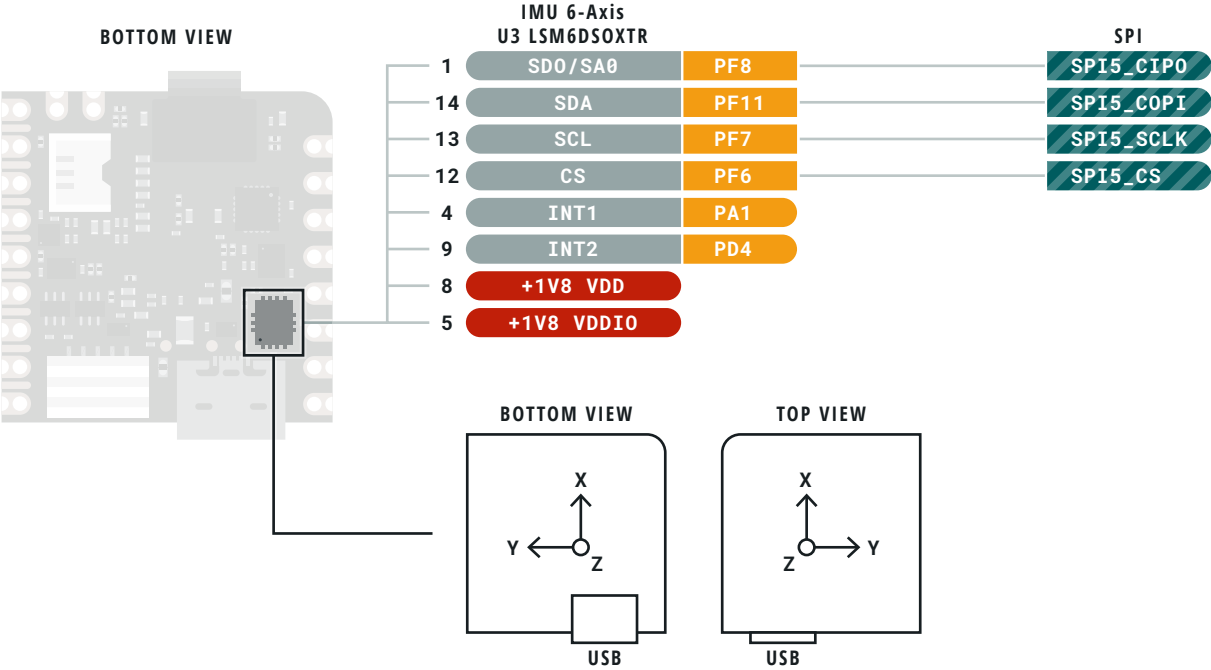
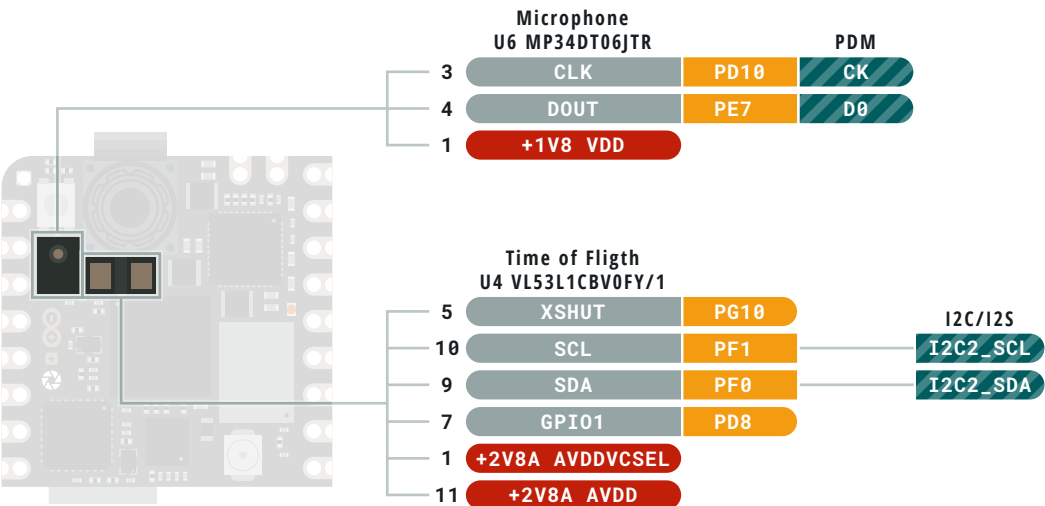


- Ground
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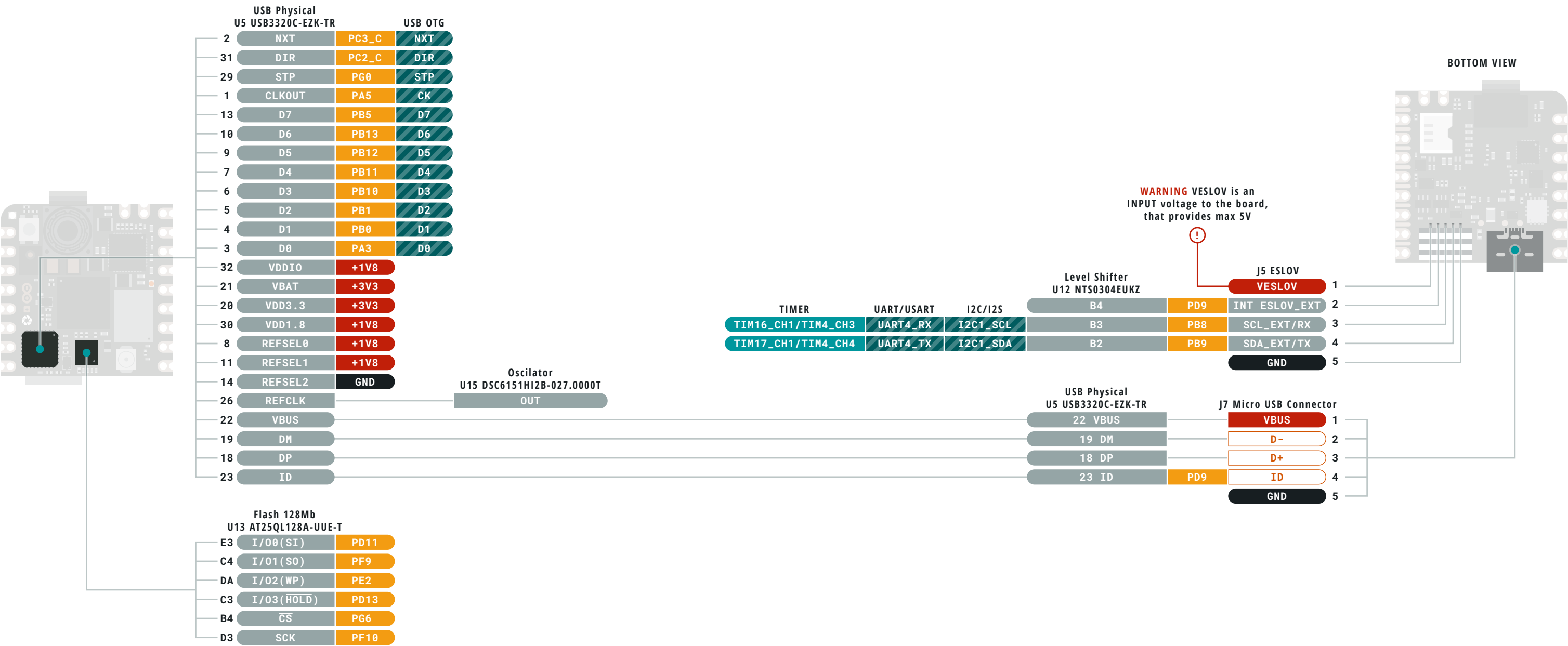


Ground	Digital Pin	Analog
Power	Analog Pin	Communication
LED	Other Pin	Timer
Internal Pin	Microcontroller's Port	Extra Features
SWD Pin	PMIC MC34PF1550A0EP's Port	Debug/Clock

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Ground

Power

LED

Internal Pin

SWD Pin

Digital Pin

Analog Pin

Other Pin

Microcontroller's Port

PMIC MC34PF1550A0EP's Port

Analog

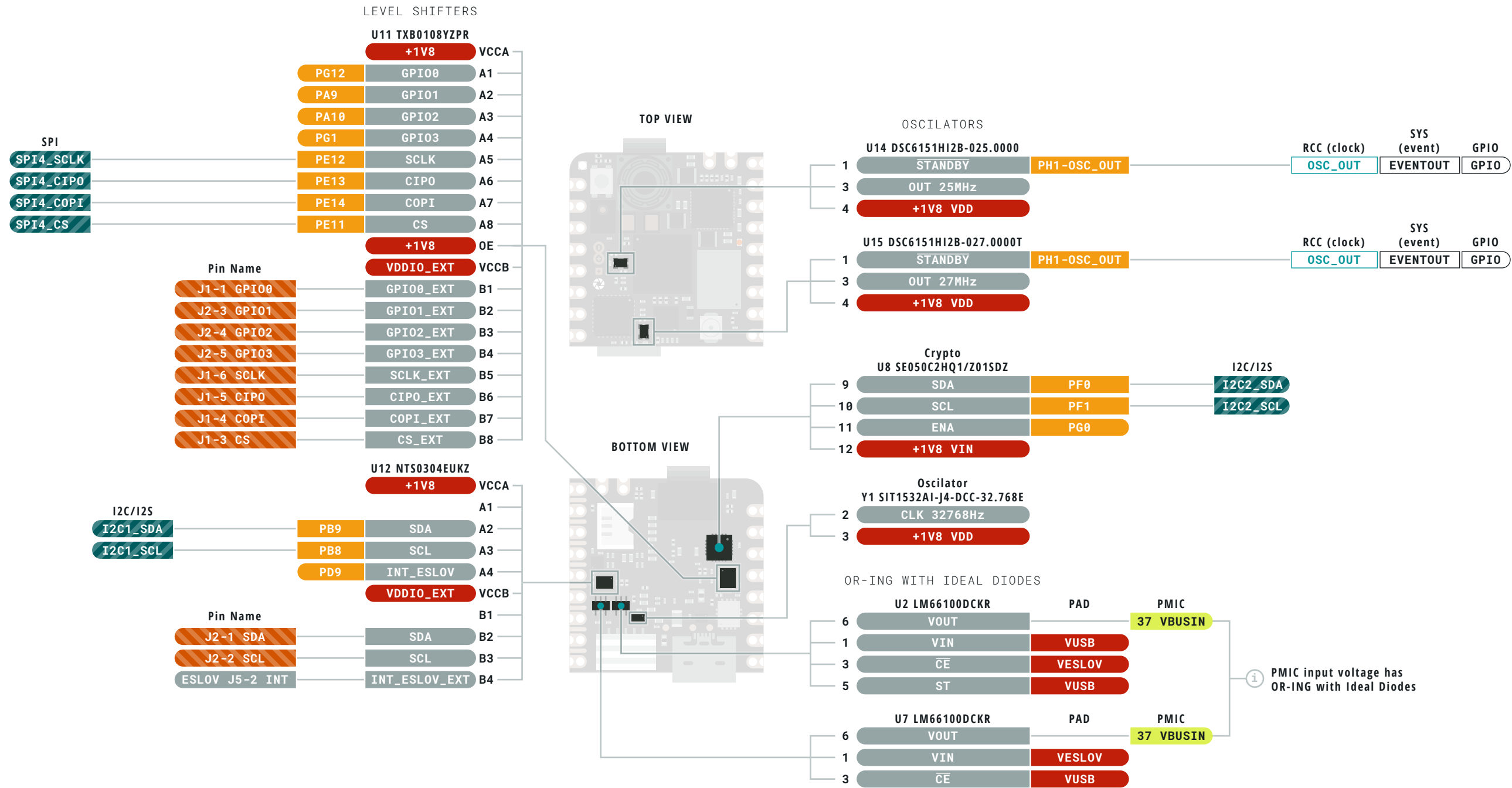
Communication

Timer

Extra Features

Debug/Clock

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