

- Ground
- Power
- LED
- Internal Pin
- SWD Pin

- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- Default

- ⚠ **MAXIMUM** current per pin is 7mA
- ⚠ **MAXIMUM** source current is 46mA
- ⚠ **MAXIMUM** sink current is 65mA per pin group

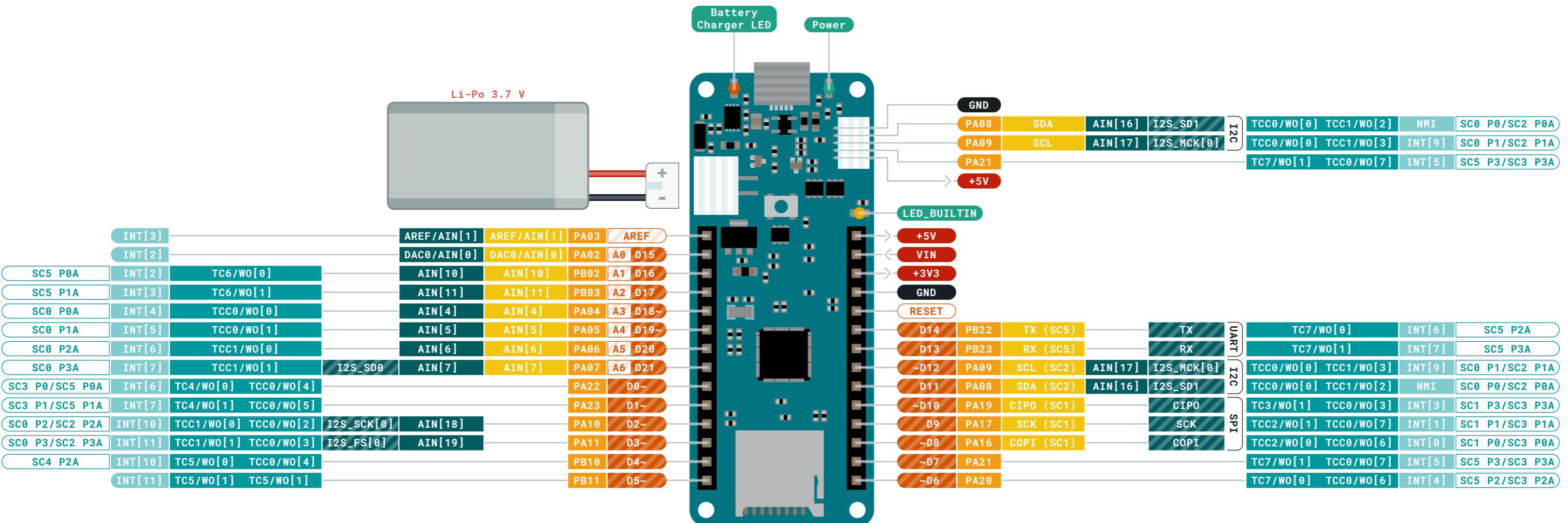
**VIN** Input voltage to the board.

NOTE: CIPO/COPI have previously been referred to as MISO/MOSI

ARDUINO.CC  
Last update: 02/04/2020



This work is licensed under the Creative Commons Attribution-ShareAlike 4.0 International License. To view a copy of this license, visit <http://creativecommons.org/licenses/by-sa/4.0/> or send a letter to Creative Commons, PO Box 1866, Mountain View, CA 94042, USA.



⚠ **MAXIMUM** current per pin is 7mA  
⚠ **MAXIMUM** source current is 46mA  
⚠ **MAXIMUM** sink current is 65mA per pin group

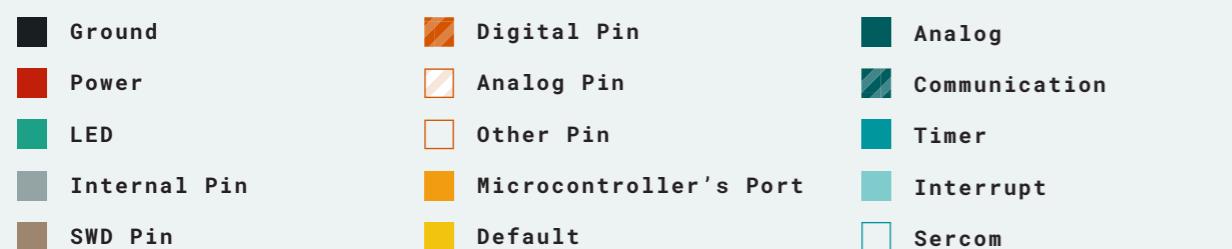
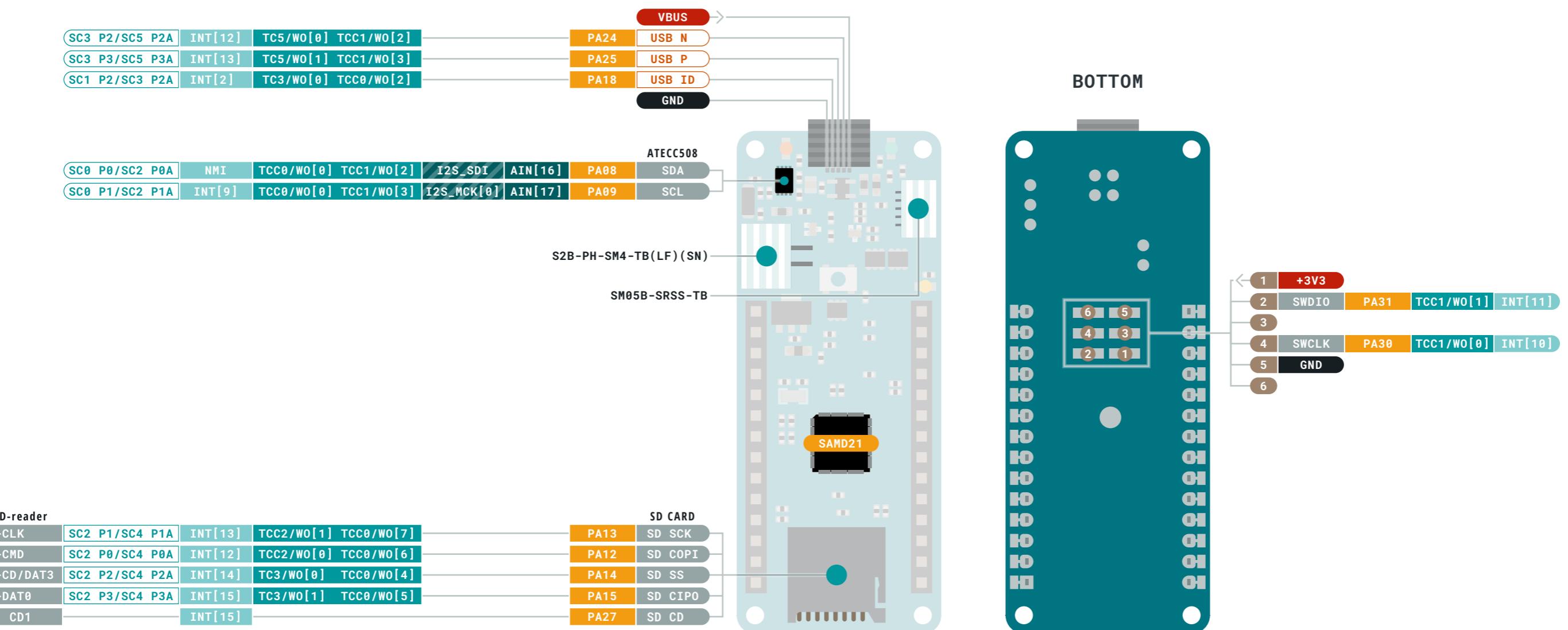
**VIN** Input voltage to the board.

NOTE: CIP0/COPI have previously been referred to as MISO/MOSI

Last update: 02/04/2020



This work is licensed under the Creative Commons Attribution-ShareAlike 4.0 International License. To view a copy of this license, visit <http://creativecommons.org/licenses/by-sa/4.0/> or send a letter to Creative Commons, PO Box 1866, Mountain View, CA 94042, USA.



- ⚠️ **MAXIMUM** current per pin is 7mA
- ⚠️ **MAXIMUM** source current is 46mA
- ⚠️ **MAXIMUM** sink current is 65mA per pin group

**VIN** Input voltage to the board.

NOTE: CIPO/COPI have previously been referred to as MISO/MOSI

Last update: 02/04/2020



This work is licensed under the Creative Commons Attribution-ShareAlike 4.0 International License. To view a copy of this license, visit <http://creativecommons.org/licenses/by-sa/4.0/> or send a letter to Creative Commons, PO Box 1866, Mountain View, CA 94042, USA.