### Ground Power LED Internal Pin SWD Pin

<table>
<thead>
<tr>
<th>Digital Pin</th>
<th>Analog Pin</th>
<th>Other Pin</th>
<th>Microcontroller's Port</th>
<th>Default</th>
</tr>
</thead>
</table>

### VIN

**MAXIMUM** current per +3.3V pin is 50mA

**MAXIMUM** current per I/O pin is 20mA

**VIN** 6-20 V input to the board.

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**Note:**
- **MISO** and **MOSI** pins are used for SPI communication.
- **SDA** and **SCL** pins are used for I2C communication.
- **A0-A7** are the 8-bit analog inputs.
- **D1-D13** are the digital inputs/outputs.

**FT232RL** is the USB-UART chip for serial communication.

**23-CBUS0** and **22-CBUS1** are the power input pins.

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**Last update:** 7/07/2020
VIN 6-20 V input to the board.

- MAXIMUM current per I/O pin is 20mA
- MAXIMUM current per +3.3V pin is 50mA

Ground
Power
LED
Internal Pin
SWD Pin
Digital Pin
Analog Pin
Other Pin
Microcontroller’s Port
Default
Analog
Communication
Timer
Interrupt
Sercom