

- Ground
- Power
- LED
- Internal Pin
- SWD Pin
- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- Default
- FPGA Port

If programmed with SAMD

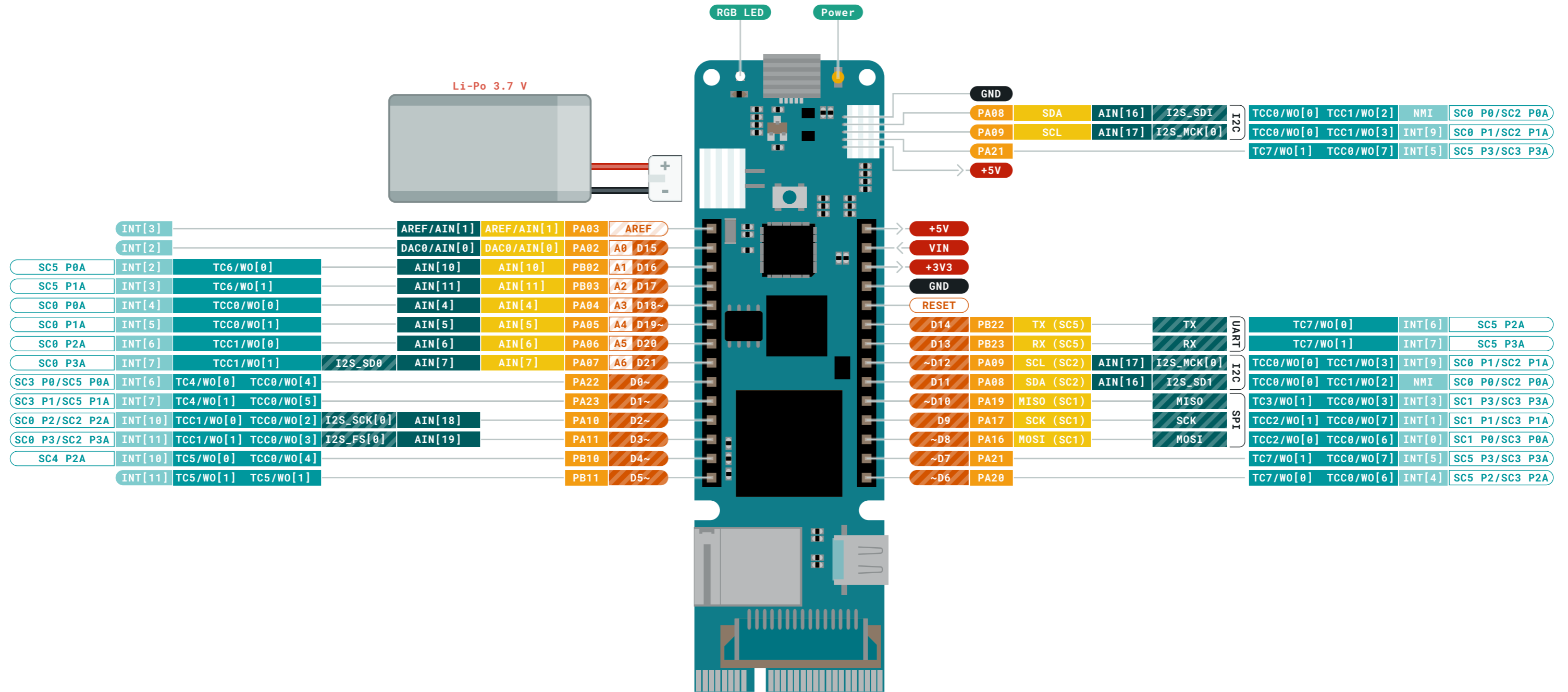
- ⚠ **MAXIMUM** current per pin is 7mA
- ⚠ **MAXIMUM** source current is 46mA
- ⚠ **MAXIMUM** sink current is 65mA per pin group

If programmed with FPGA

- ⚠ **MAXIMUM** current if the I/O standard configuration 3.3-V LVTTTL is 4mA
- ⚠ **MAXIMUM** current if the I/O standard configuration 3.3-V LVCMOS is 2mA

VIN Input voltage to the board.





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

If programmed with SAMD

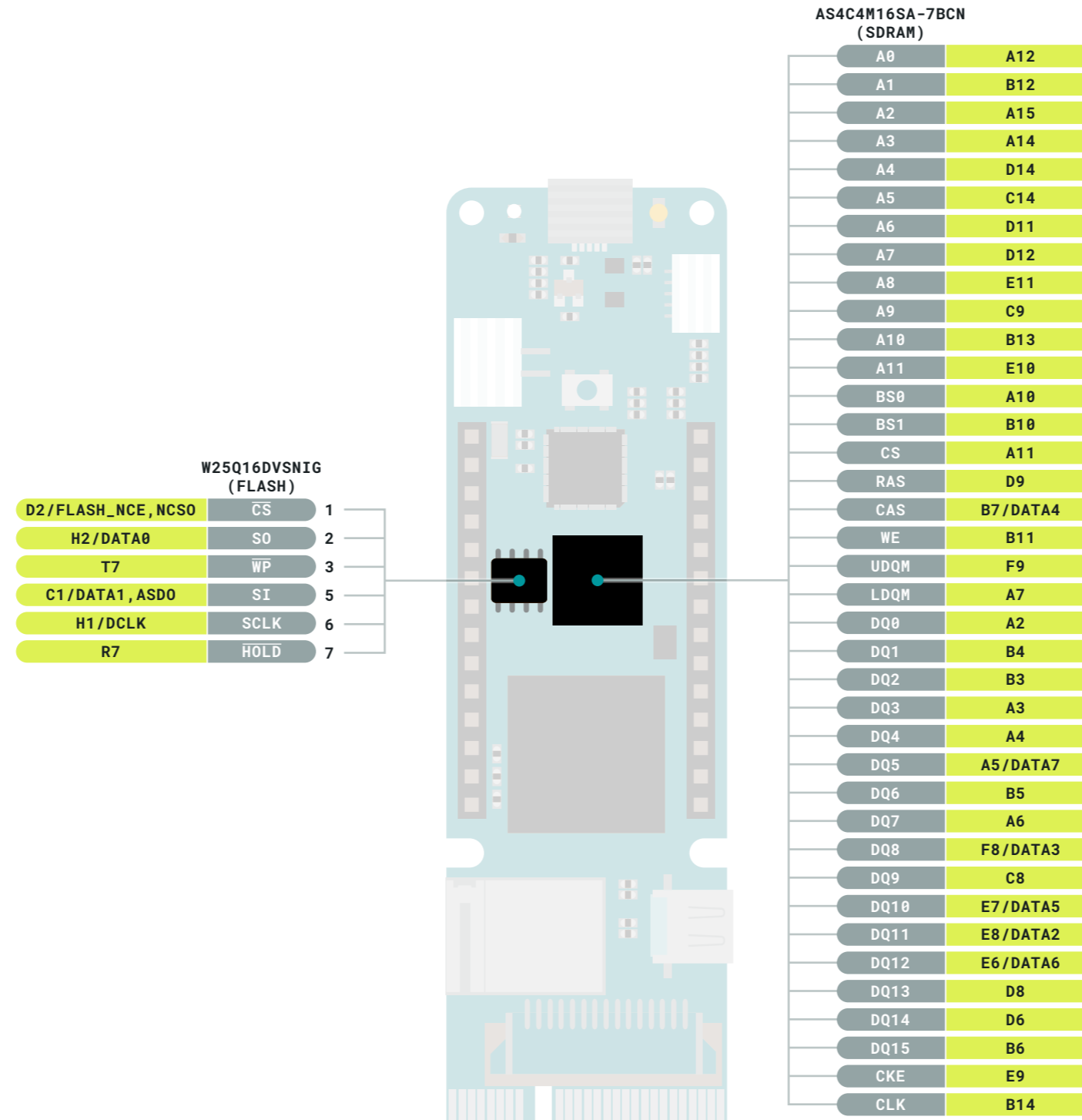
- ⚠ **MAXIMUM** current per pin is 7mA
- ⚠ **MAXIMUM** source current is 46mA
- ⚠ **MAXIMUM** sink current is 65mA per pin group

If programmed with FPGA

- ⚠ **MAXIMUM** current if the I/O standard configuration 3.3-V LVTTL is 4mA
- ⚠ **MAXIMUM** current if the I/O standard configuration 3.3-V LVCMOS is 2mA

VIN Input voltage to the board.





- Ground
- Power
- LED
- Internal Pin
- SWD Pin
- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- Default
- FPGA Port

If programmed with SAMD

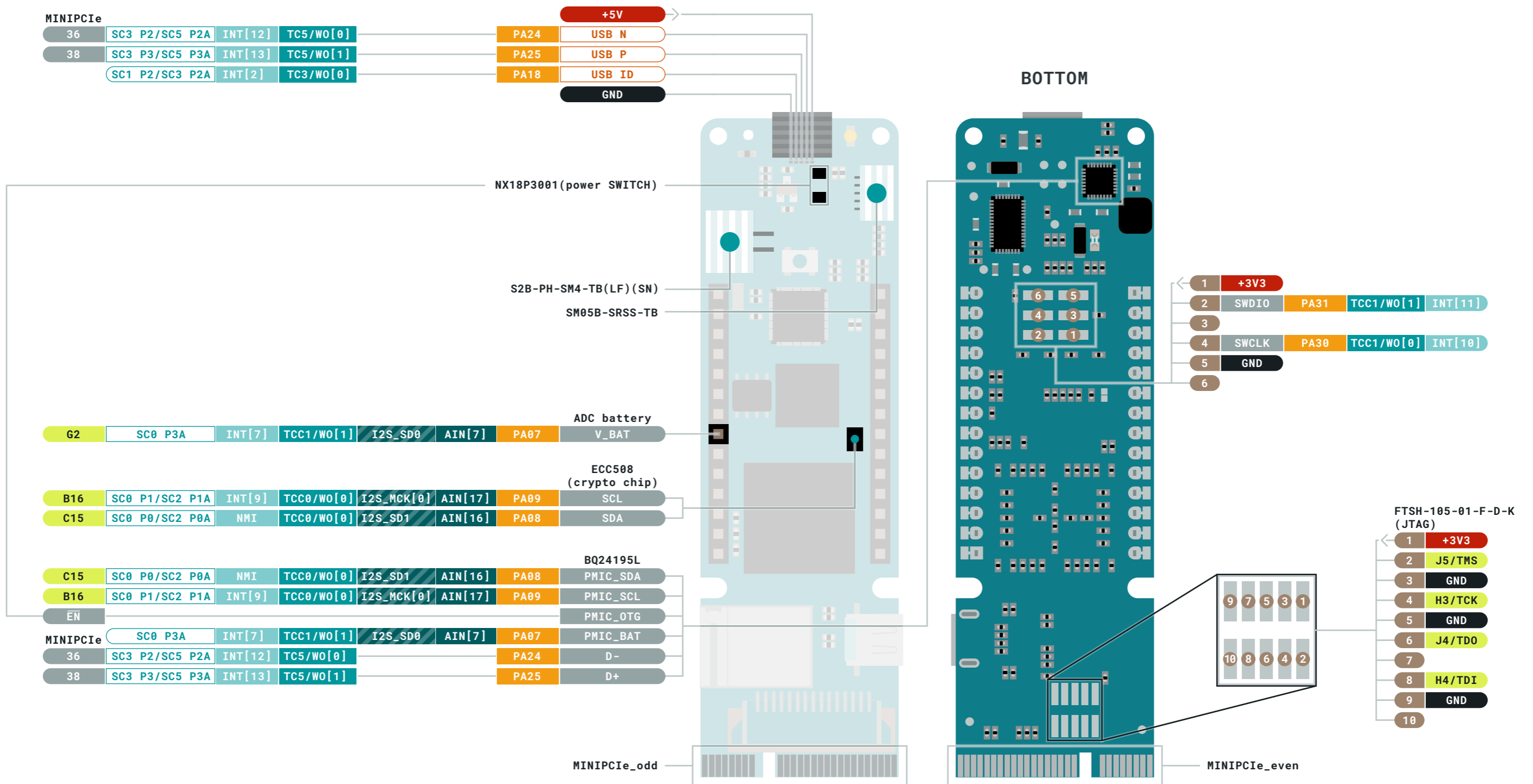
- ⚠ **MAXIMUM** current per pin is 7mA
- ⚠ **MAXIMUM** source current is 46mA
- ⚠ **MAXIMUM** sink current is 65mA per pin group

If programmed with FPGA

- ⚠ **MAXIMUM** current if the I/O standard configuration 3.3-V LVTTL is 4mA
- ⚠ **MAXIMUM** current if the I/O standard configuration 3.3-V LVCMOS is 2mA

VIN Input voltage to the board.





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

If programmed with SAMD

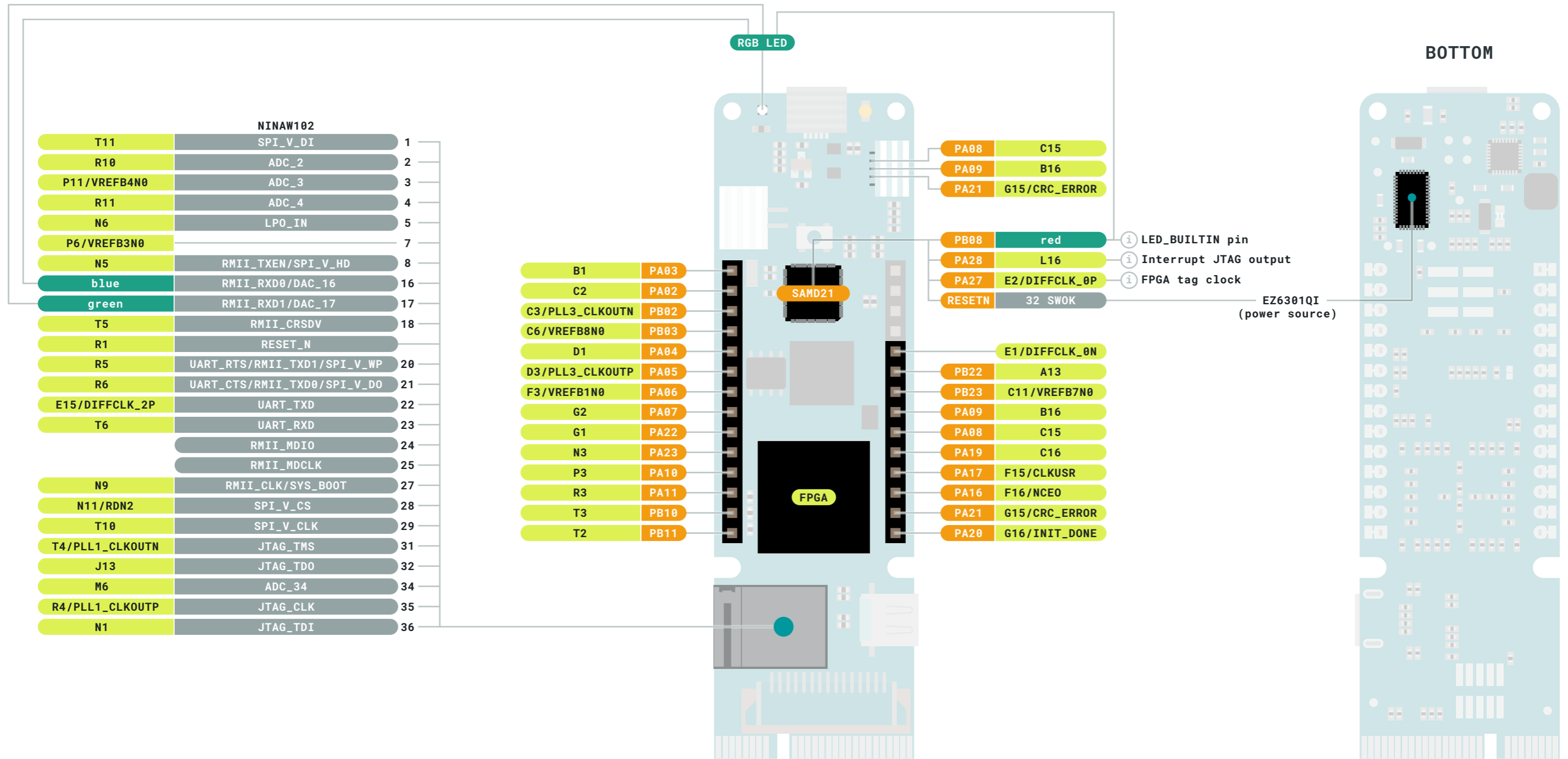
- MAXIMUM** current per pin is 7mA
- MAXIMUM** source current is 46mA
- MAXIMUM** sink current is 65mA per pin group

If programmed with FPGA

- MAXIMUM** current if the I/O standard configuration 3.3-V LVTTL is 4mA
- MAXIMUM** current if the I/O standard configuration 3.3-V LVCMOS is 2mA

VIN Input voltage to the board.





- Ground
- Power
- LED
- Internal Pin
- SWD Pin
- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- Default
- FPGA Port

If programmed with SAMD

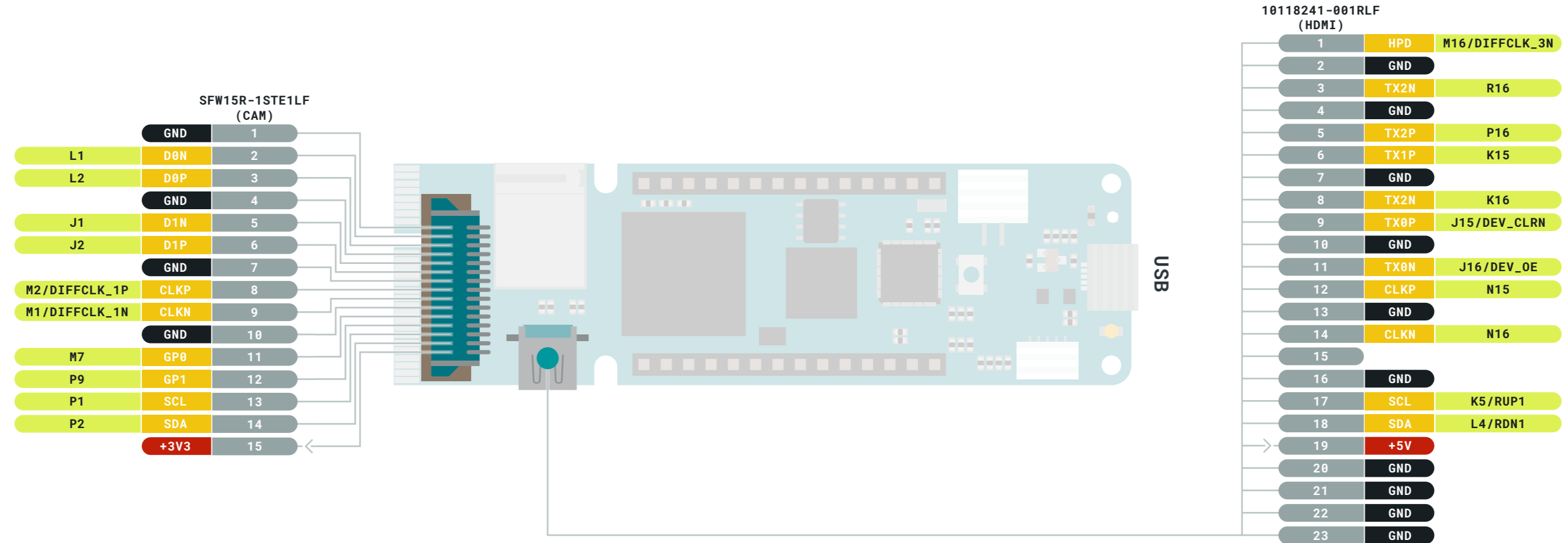
- ⚠ **MAXIMUM** current per pin is 7mA
- ⚠ **MAXIMUM** source current is 46mA
- ⚠ **MAXIMUM** sink current is 65mA per pin group

If programmed with FPGA

- ⚠ **MAXIMUM** current if the I/O standard configuration 3.3-V LVTTL is 4mA
- ⚠ **MAXIMUM** current if the I/O standard configuration 3.3-V LVCMOS is 2mA

VIN Input voltage to the board.





- Ground
- Power
- LED
- Internal Pin
- SWD Pin
- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- Default
- FPGA Port

If programmed with SAMD

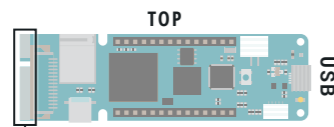
- ⚠ **MAXIMUM** current per pin is 7mA
- ⚠ **MAXIMUM** source current is 46mA
- ⚠ **MAXIMUM** sink current is 65mA per pin group

If programmed with FPGA

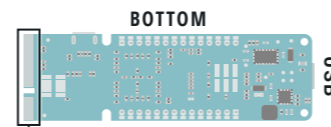
- ⚠ **MAXIMUM** current if the I/O standard configuration 3.3-V LVTTTL is 4mA
- ⚠ **MAXIMUM** current if the I/O standard configuration 3.3-V LVCMOS is 2mA

VIN Input voltage to the board.

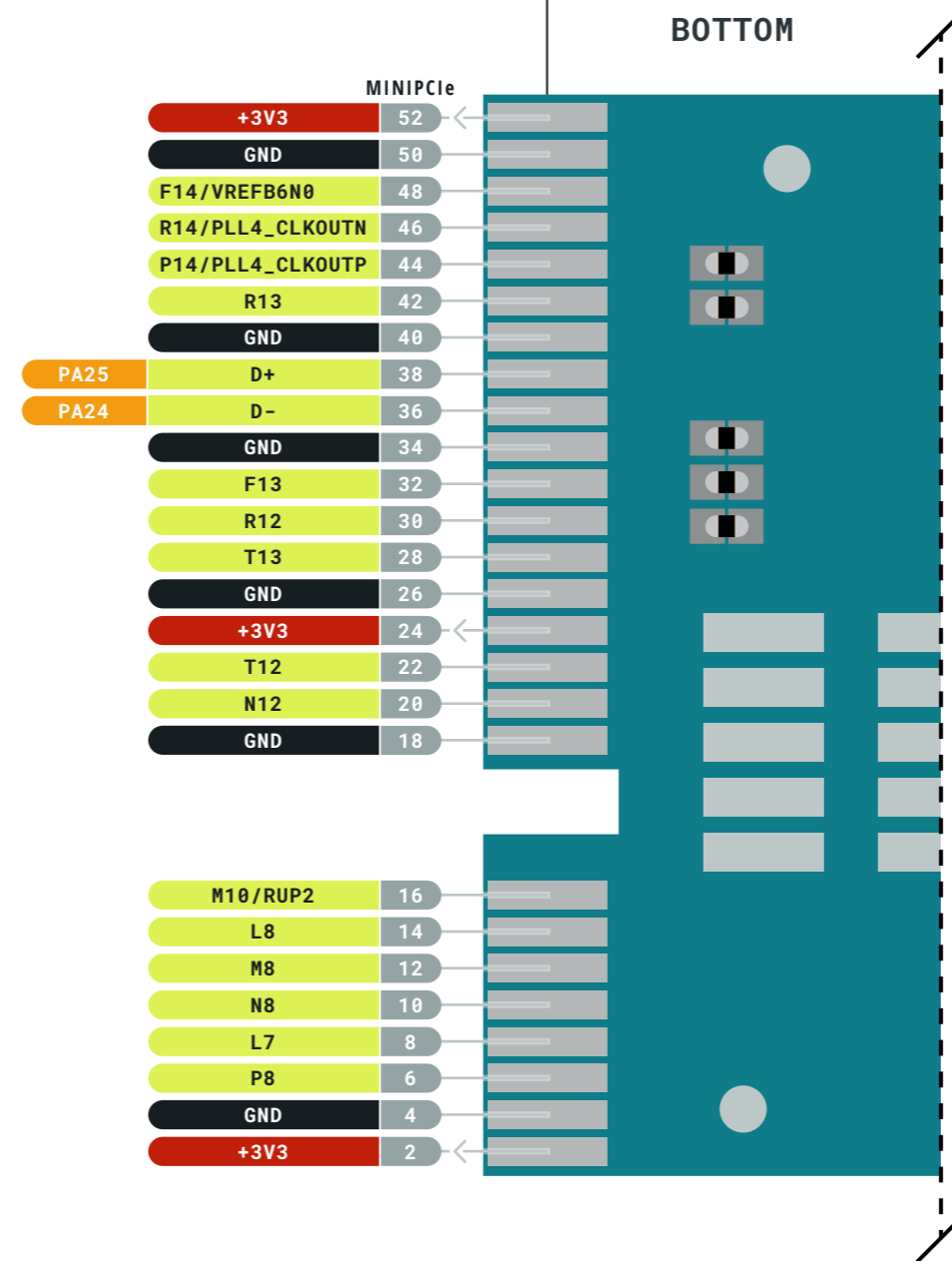
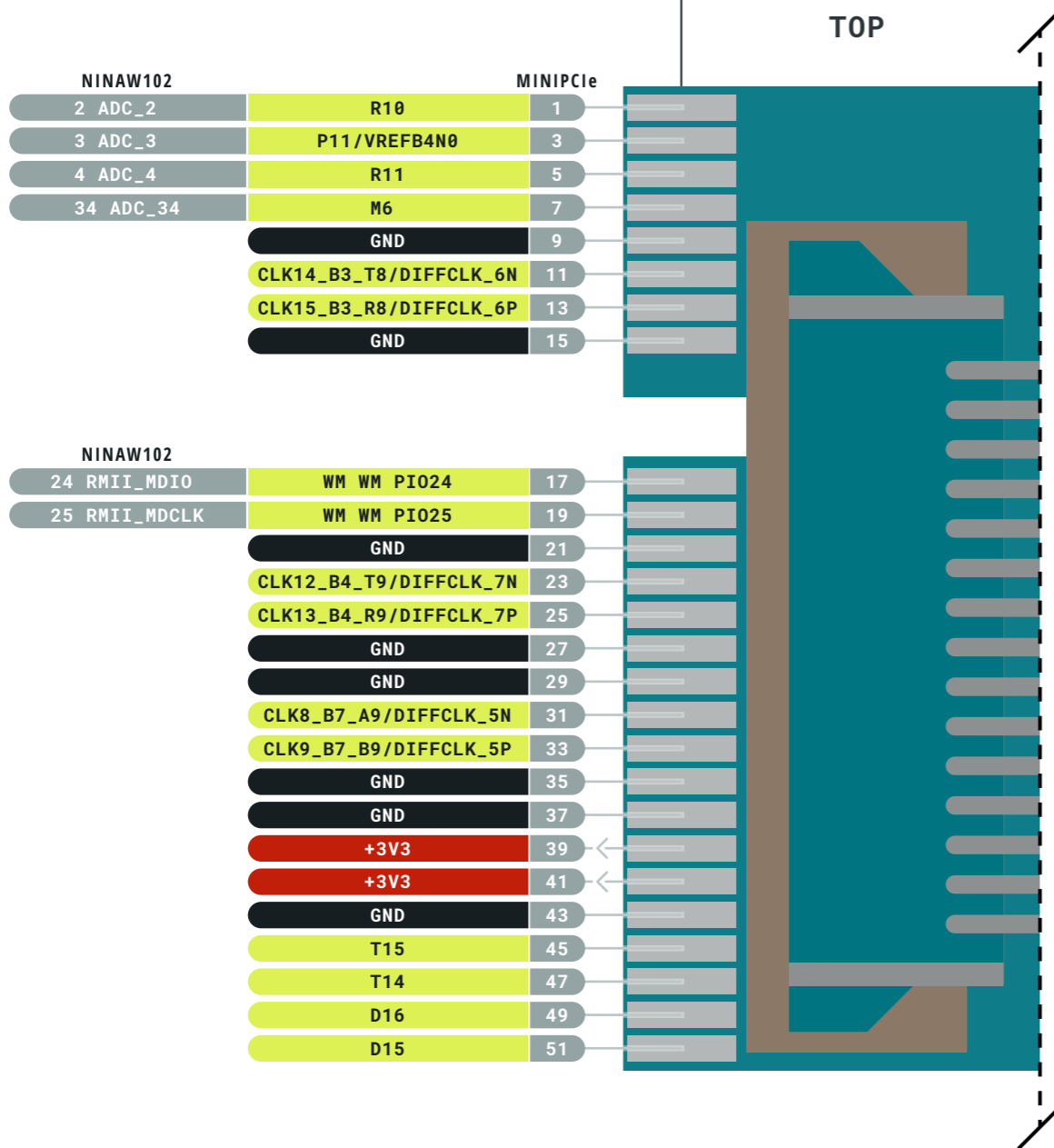




MINIPCIe_odd



MINIPCIe_even



- Ground
- Power
- LED
- Internal Pin
- SWD Pin
- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- Default
- FPGA Port

If programmed with SAMD

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

If programmed with FPGA

- ⚠ **MAXIMUM** current if the I/O standard configuration 3.3-V LVTTTL is 4mA
- ⚠ **MAXIMUM** current if the I/O standard configuration 3.3-V LVCMOS is 2mA

VIN Input voltage to the board.

