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**Ground**

**Digital Pin**

**Power**

**LED**

**Internal Pin**

**SWD Pin**

**Microcontroller's Port**

**Default**

---

**Ground**

**Digital Pin**

**Power**

**LED**

**Internal Pin**

**SWD Pin**

**Microcontroller's Port**

**Default**

---

**TOTAL DC OUTPUT** current per I/O lines is 130mA

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

**NOTE:** CIP0/COP1 have previously been referred to as MISO/MOSI.

---

The ADC’s channel 15 is not available because connected to the ATSAM3X8E temperature sensor.

To check the maximum currents applicable per pins please see the datasheet at STORE.ARDUINO.CC/DUE:

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STORE.ARDUINO.CC/DUE: CIPO/COPI have previously been referred to as MISO/MOSI.
<table>
<thead>
<tr>
<th>Ground</th>
<th>Power</th>
<th>LED</th>
<th>Internal Pin</th>
<th>SWD Pin</th>
<th>Digital Pin</th>
<th>Analog Pin</th>
<th>Communication Pin</th>
<th>Timer Pin</th>
<th>Interrupt</th>
</tr>
</thead>
</table>

### Analog Communication Timer Interrupt Memory

- **Analog**
- **Communication**
- **Timer**
- **Interrupt**

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

**TOTAL DC OUTPUT current per I/O lines is 130mA**

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

The ADC's channel 15 is not available because connected to the ATSAM3X8E temperature sensor.

To check the maximum currents applicable per pins please see the datasheet at [STORE.ARDUINO.CC/ARDUINO-DUE](STORE.ARDUINO.CC/ARDUINO-DUE).

**NOTE:** CIPO/COPI have previously been referred to as MISO/MOSI
Ground
Power
LED
Internal Pin
SWD Pin
Digital Pin
Analog Pin
Other Pin
Microcontroller's Port
Default
Communication
Timer
Interrupt
Memory

**Analog Communication Timer Interrupt Memory**

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**GROUND**

**Vin**

- 6-20 V input to the board

**Total DC Output Current**

- per I/O lines is 130mA

**Vin**

- 6-20 V input to the board

**Note:** CIPO/COPRI have previously been referred to as MISO/MOSI

**ADC's channel 15**

- not available because connected to the ATSAM3X8E temperature sensor

To check the maximum currents applicable per pins please see the datasheet at [STORE.ARDUINO.CC/ARDUINO-DUE](http://STORE.ARDUINO.CC/ARDUINO-DUE).

**Last Update:** 3/11/2021
TOTAL DC OUTPUT current per I/O lines is 130mA.

VIN: 6-20 V input to the board

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

The ADC's channel 15 is not available because connected to the ATSAM3X8E temperature sensor.

To check the maximum currents applicable per pins please see the datasheet at STORE.ARDUINO.CC/ARDUINO-DUE.
**Digital pins D22-D53**

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

**TOTAL DC OUTPUT current** per I/O lines is 130mA

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

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

The ADC’s channel 15 is not available because connected to the ATSAM3X8E temperature sensor

To check the maximum currents applicable per pins please see the datasheet at STORE.ARDUINO.CC/DUE

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**Analog Communication Timer Interrupt Memory**

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**Ground**

**Power**

**LED**

**Internal Pin**

**SWD Pin**

**Digital Pin**

**Analog Pin**

**Other Pin**

**Microcontroller’s Port**

**Default**

**Analogue**

**Communication**

**Timer**

**Interrupt**

**Memory**

**TOTAL DC OUTPUT current per I/O lines is 130mA**

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

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

The ADC’s channel 15 is not available because connected to the ATSAM3X8E temperature sensor.

To check the maximum currents applicable per pins please see the datasheet at STORE.ARDUINO.CC/ARDUINO-DUE

NOTE: CIPO/COPI have previously been referred to as MISO/MOSI.
The ADC’s channel 15 is not available because connected to the ATSAM3X8E temperature sensor.

To check the maximum currents applicable per pins please see the datasheet at STORE.ARDUINO.CC/ARDUINO-DUE

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

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

**TOTAL DC OUTPUT** current per I/O lines is 130mA

- **Ground**
- **Digital Pin**
- **Power**
- **Analog Pin**
- **LED**
- **Internal Pin**
- **SWD Pin**
- **Default**
- **Microcontroller’s Port**

**JP5**

1. PB4
2. PB6
3. PB5
4. PB7

**ATMEGA16U2**

1. PA8
2. PA9
3. PD3/RX
4. PD2/TX

**JP5**

1. PB31
2. PB28
3. PB30
4. PB29

5. NRSTb

**ATMEGA16U2**

1. ATMEGA16U2
2. ATMEGA16U2
3. ATMEGA16U2
4. ATMEGA16U2

**JP5**

1. +3V3
2. JTAG_TMS/SWDIO
3. GND
4. JTAG_TCK/SWCLK
5. GND
6. JTAG_TDI
7. JTAG_RESET
8. GND
9. USB ID
10. GND

**GROUND POWER LED Internal Pin SWD Pin Digital Pin Analog Pin Other Pin Microcontroller’s Port Default**