





**WARNING** Output current sunk by any I/O and control pin is 20 mA

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

### ARDUINO.CC

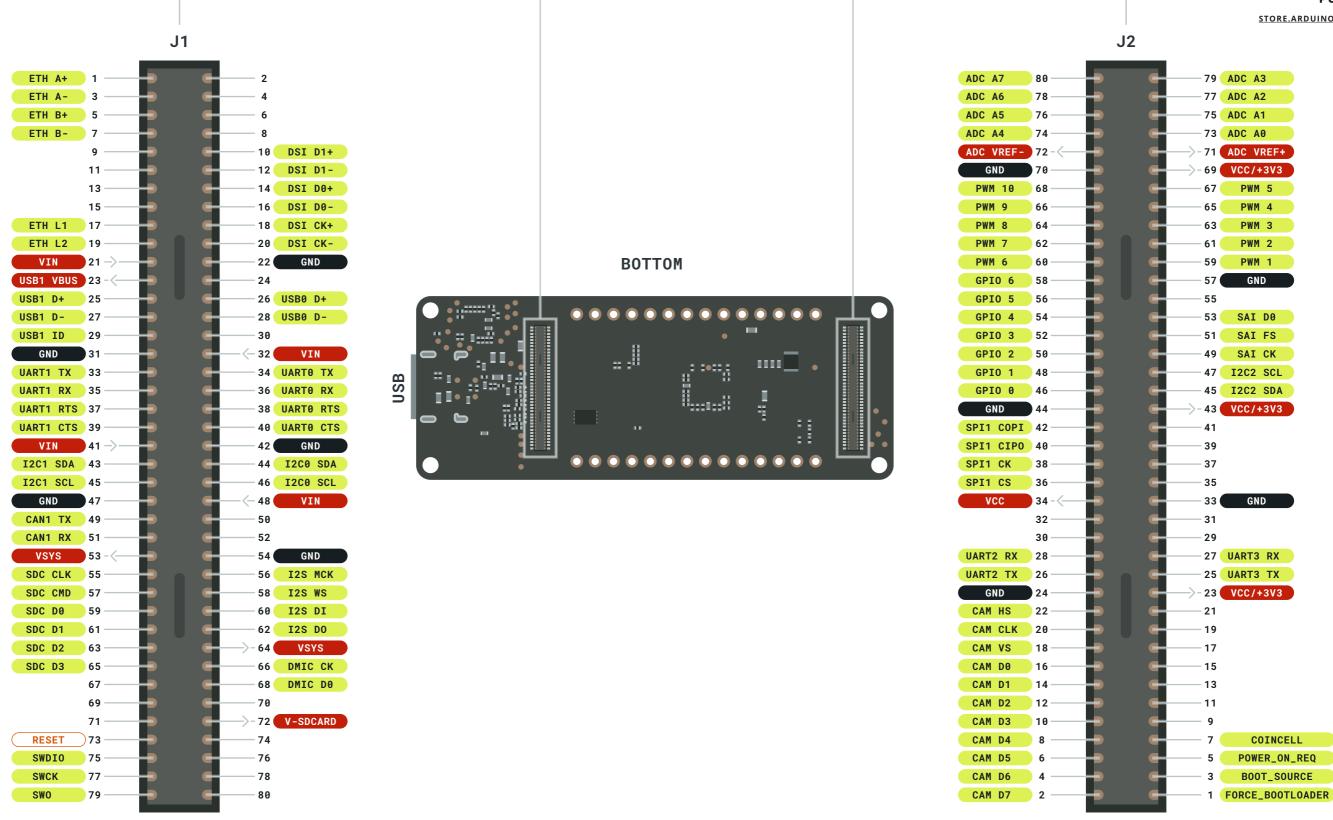
Last update: 15/12/2023





### ARDUINO PORTENTA H7

STORE.ARDUINO.CC/PORTENTA-H7





**WARNING** Total output current sunk by sum of all I/Os and control pins is 140 mA

**WARNING** Total output current sourced by sum of all I/Os and control pins is 140 mA

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### ARDUINO.CC

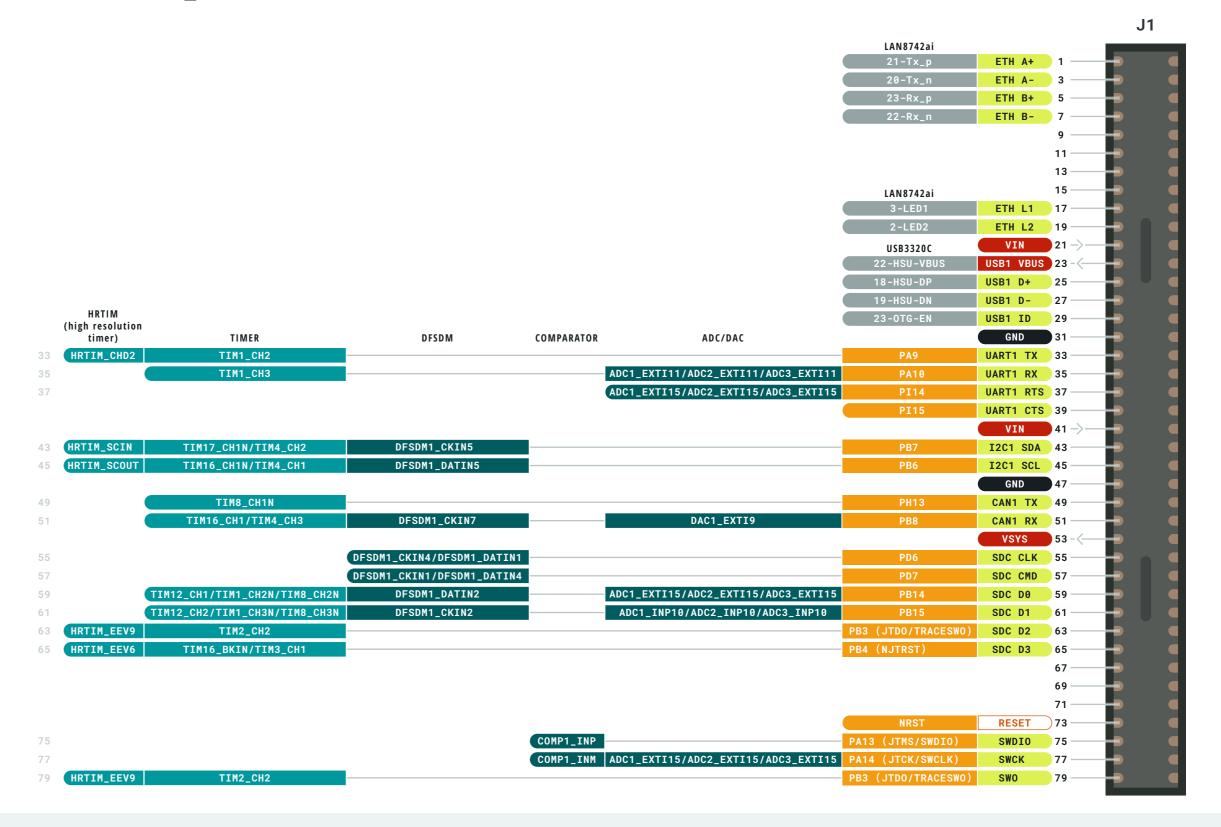
Last update: 15/12/2023



## J1\_odd - Analog/Timer

ARDUINO PORTENTA H7

STORE.ARDUINO.CC/PORTENTA-H7







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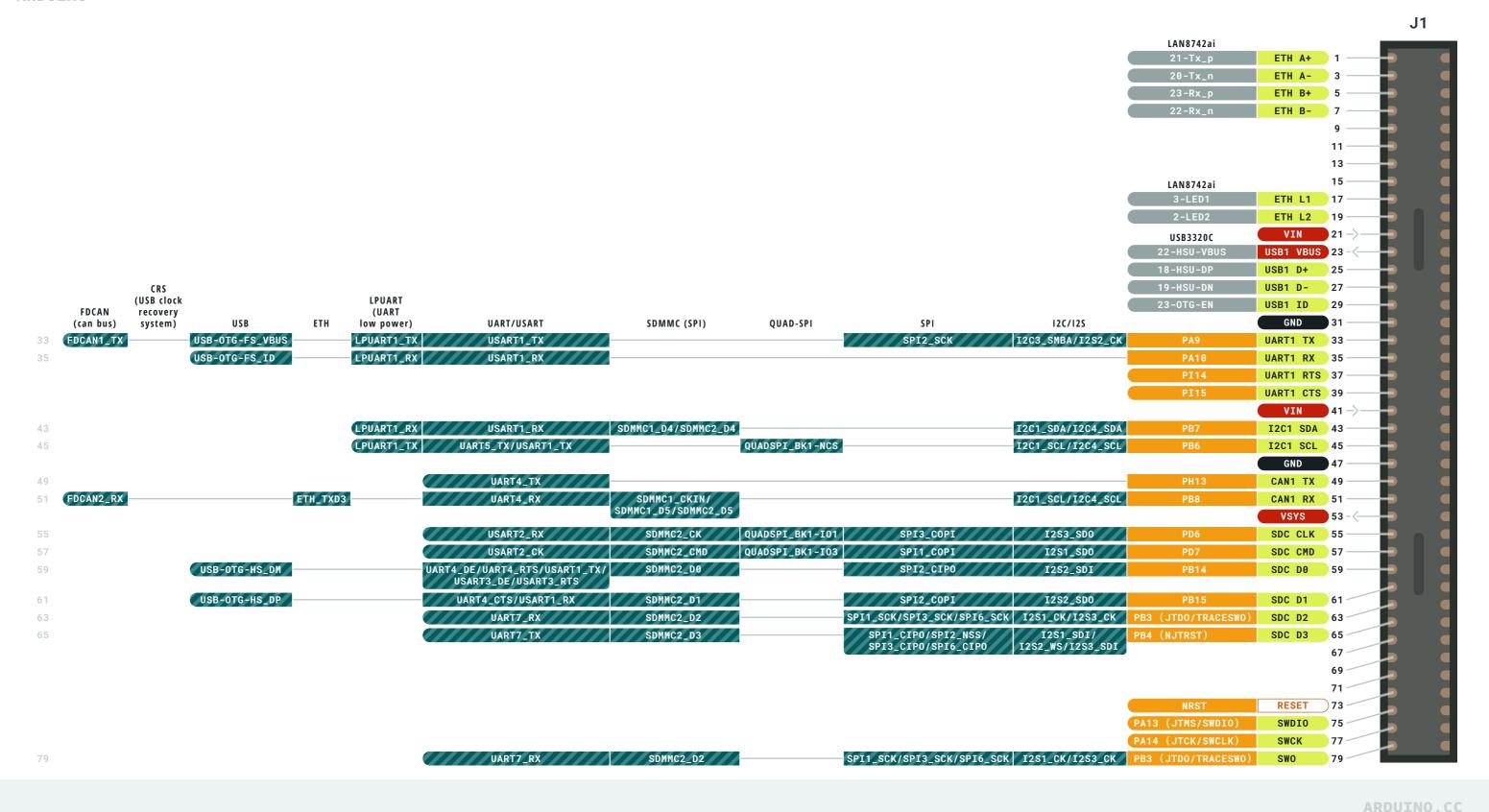
ARDUINO.CC



J1\_odd - Communication

**ARDUINO PORTENTA H7** 

STORE.ARDUINO.CC/PORTENTA-H7





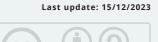
High Density Connector

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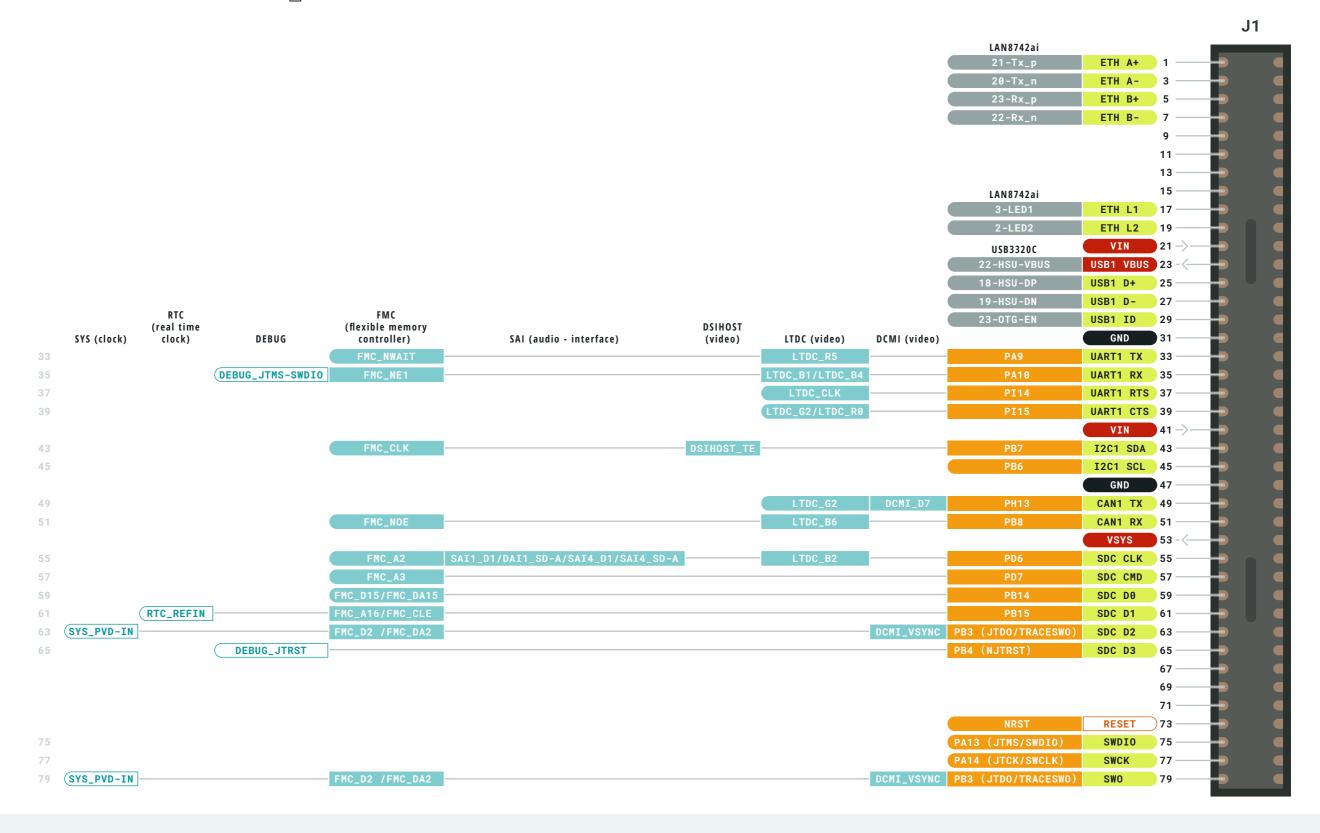




## J1\_odd - Extra/Debug

**ARDUINO** PORTENTA H7

STORE.ARDUINO.CC/PORTENTA-H7



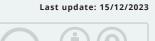




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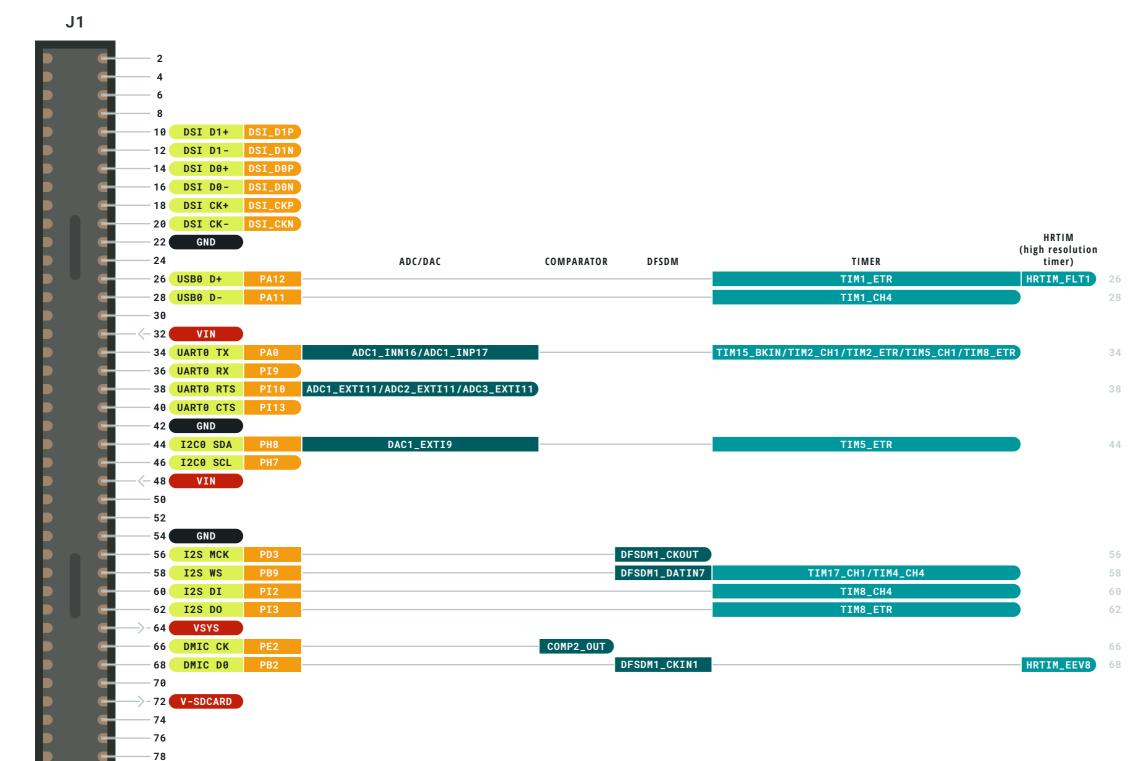
ARDUINO.CC



J1\_even - Analog/Timer

ARDUINO PORTENTA H7

STORE.ARDUINO.CC/PORTENTA-H7





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## Last update: 15/12/2023

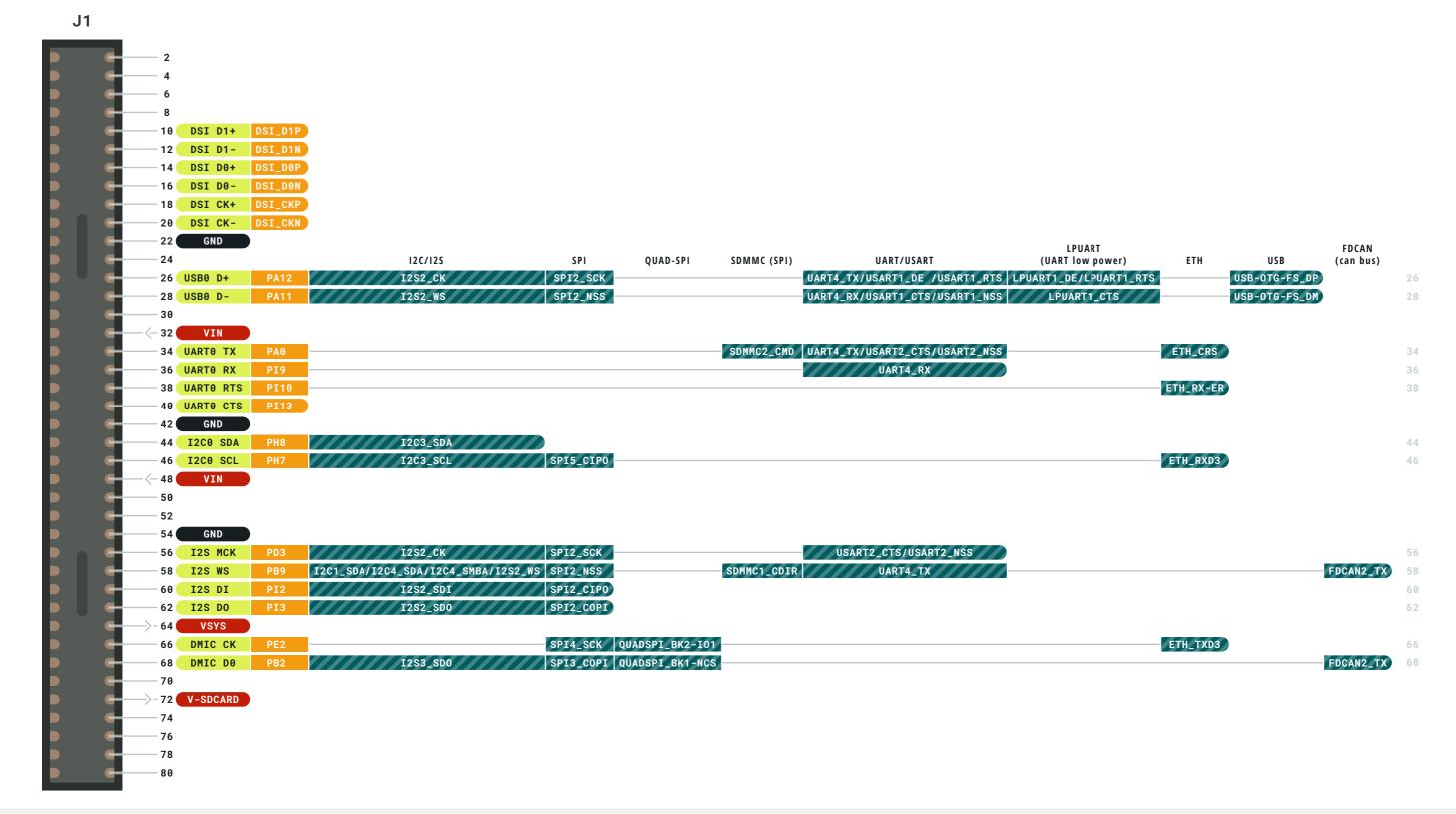
ARDUINO.CC



J1\_even - Communication

ARDUINO PORTENTA H7

STORE.ARDUINO.CC/PORTENTA-H7



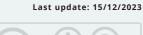


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ARDUINO.CC

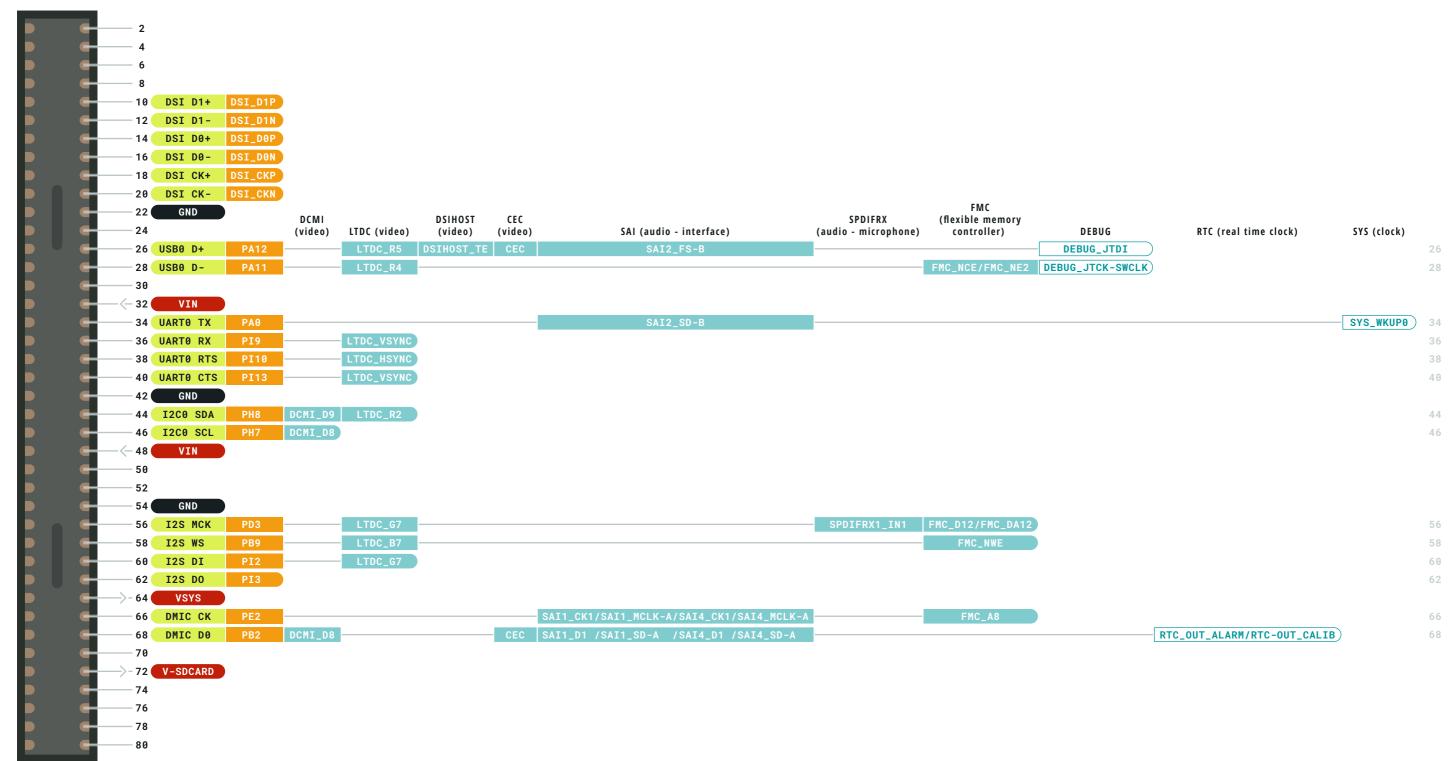


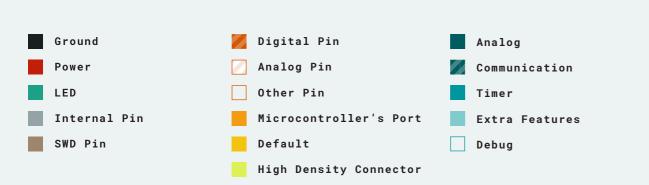
J1\_even - Extra/Debug

ARDUINO Portenta H7

STORE.ARDUINO.CC/PORTENTA-H7







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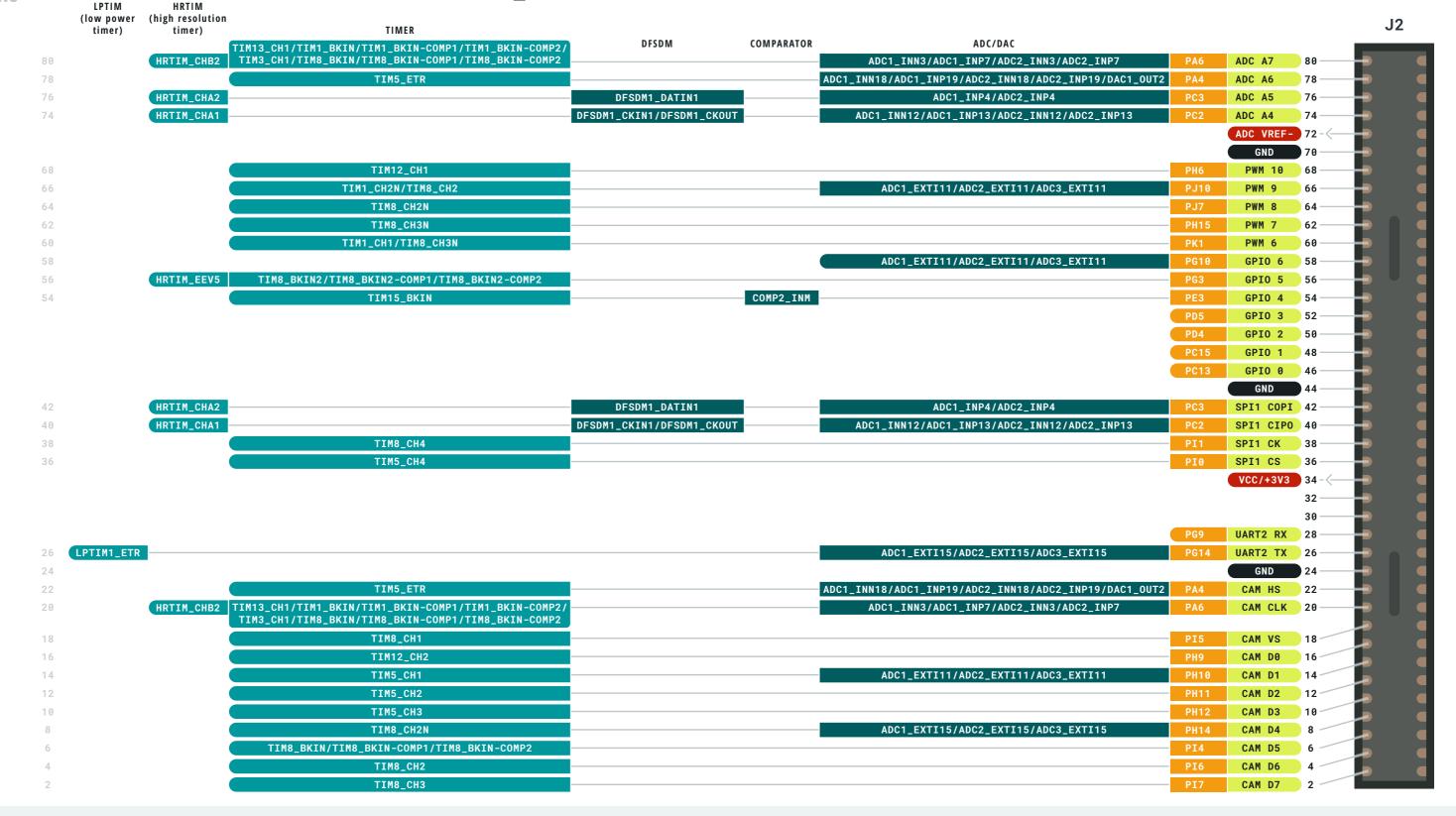
## ARDUINO.CC Last update: 15/12/2023



## J2\_even - Analog/Timer

ARDUINO PORTENTA H7

STORE.ARDUINO.CC/PORTENTA-H7



#### ARDUING. CC

Last update: 15/12/2023



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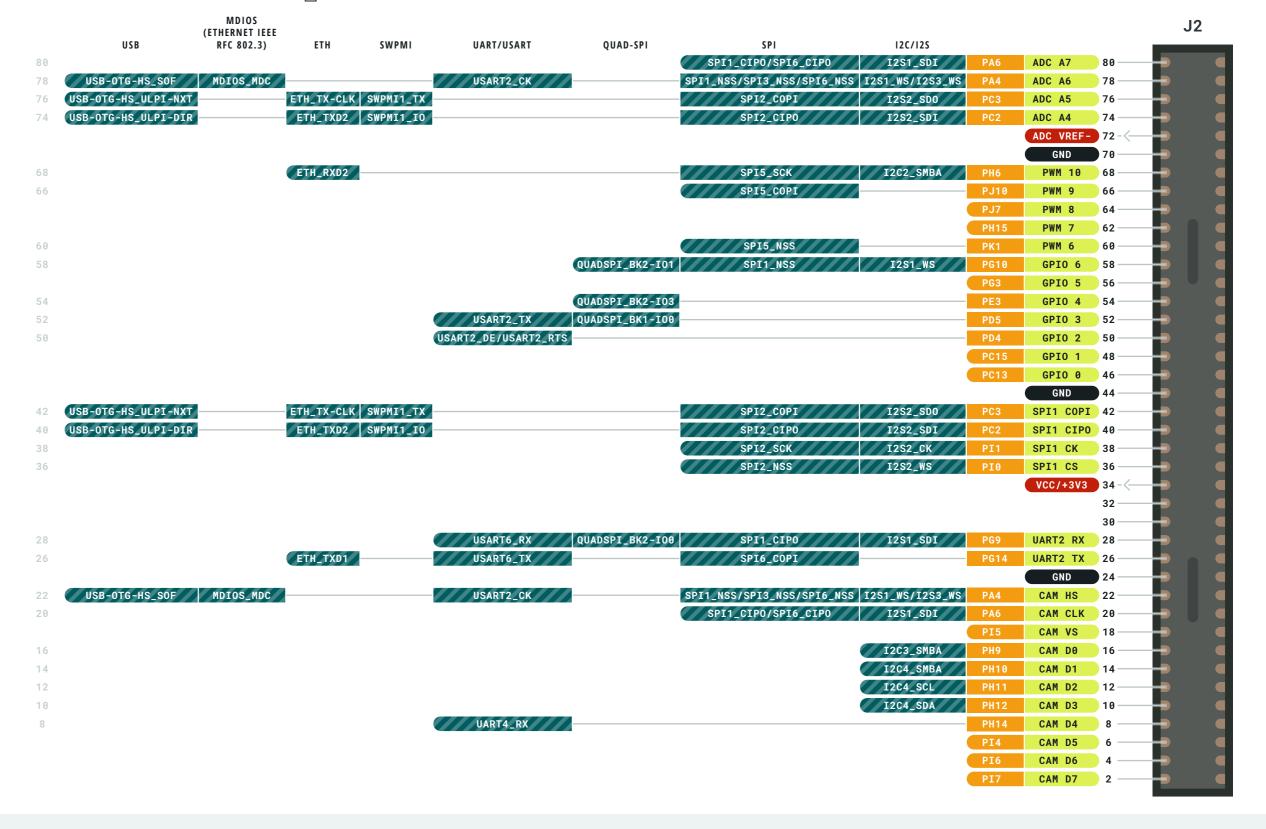
been referred to as MISO/MOSI

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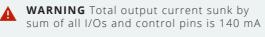
## J2\_even - Communication

ARDUINO PORTENTA H7

STORE.ARDUINO.CC/PORTENTA-H7



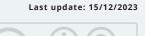




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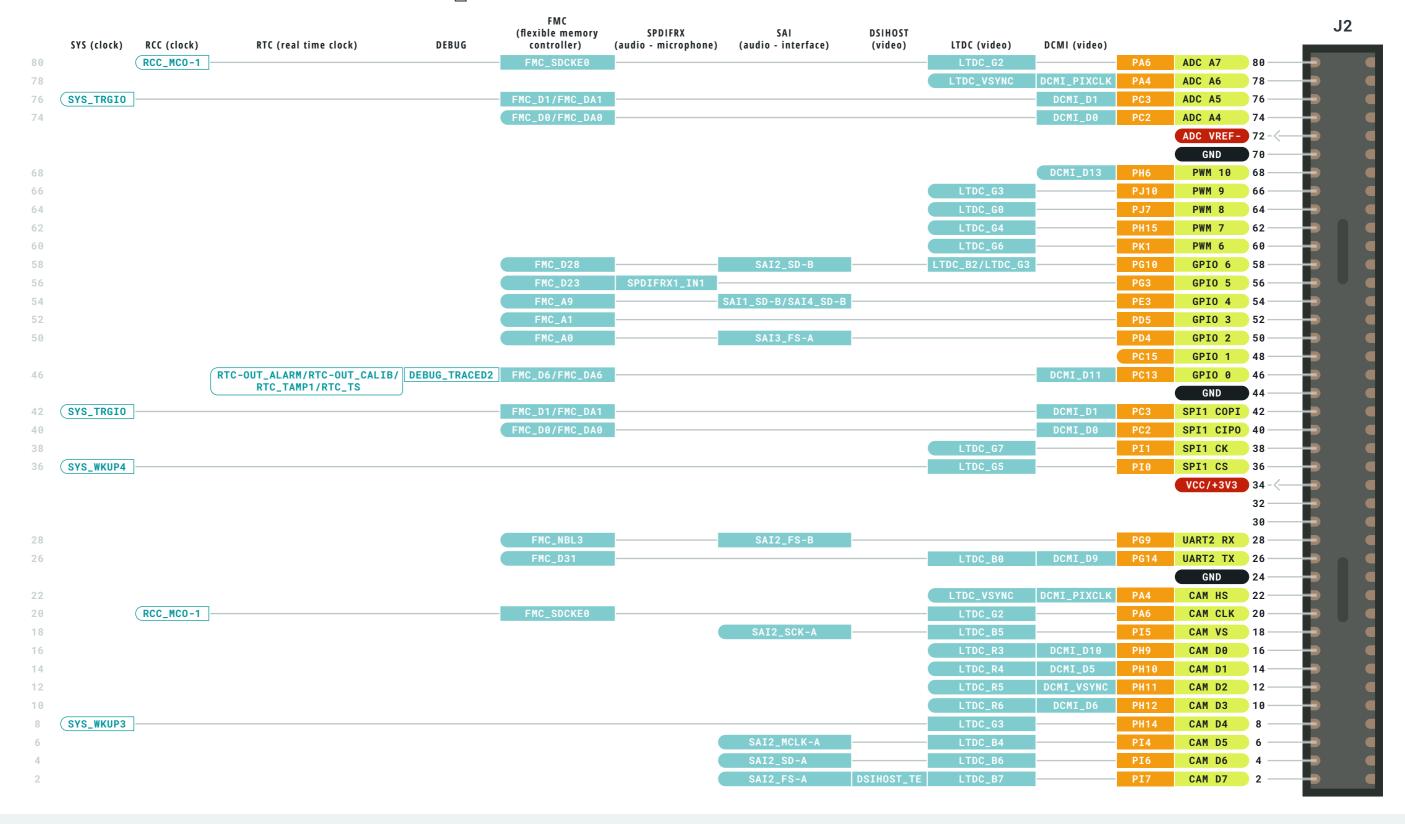
ARDUINO.CC



## J2\_even - Extra/Debug

**ARDUINO** PORTENTA H7

STORE.ARDUINO.CC/PORTENTA-H7



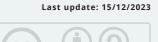


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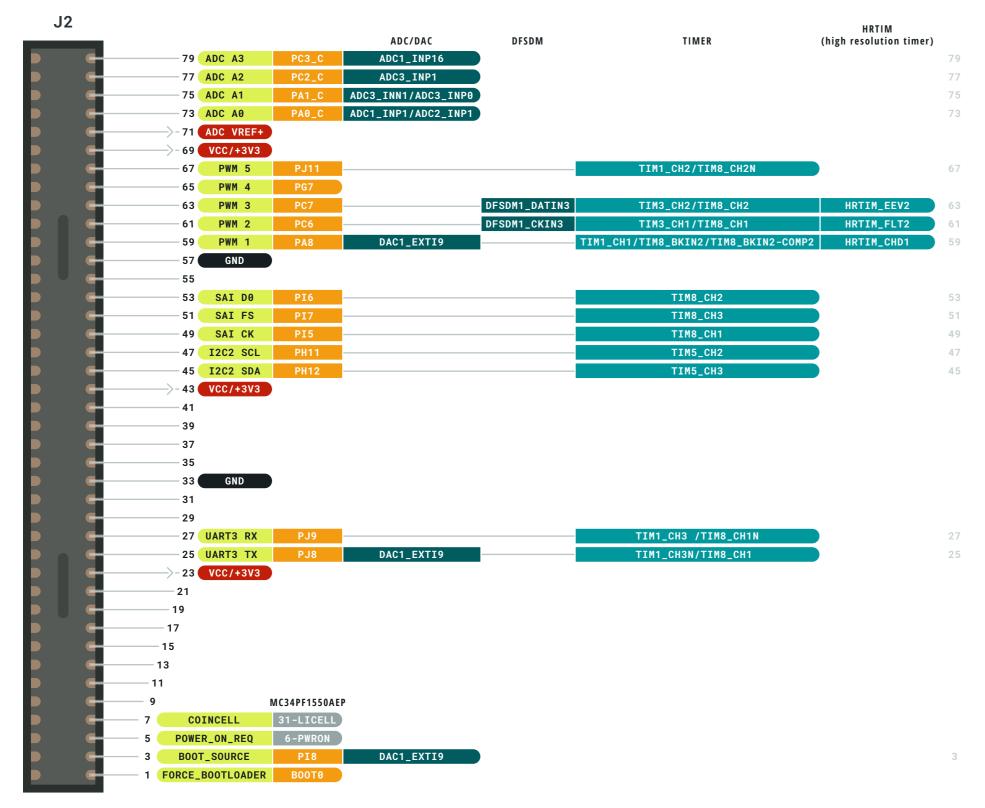
ARDUINO.CC



## J2\_odd - Analog/Timer

ARDUINO PORTENTA H7

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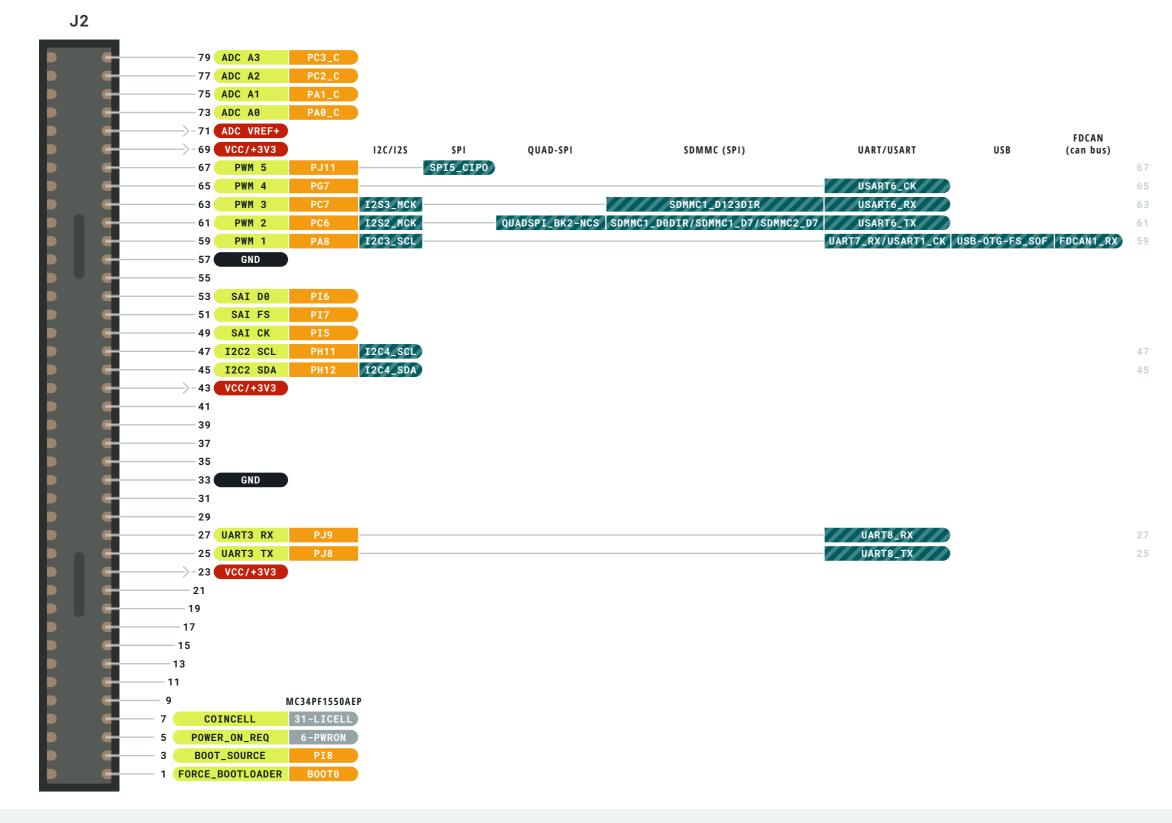
ARDUINO.CC



J2\_odd - Communication

ARDUINO PORTENTA H7

STORE.ARDUINO.CC/PORTENTA-H7

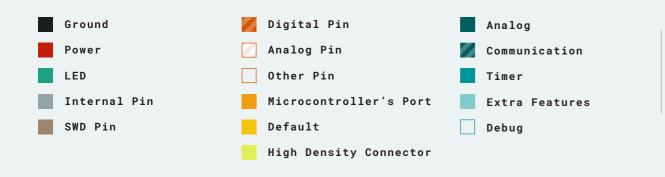


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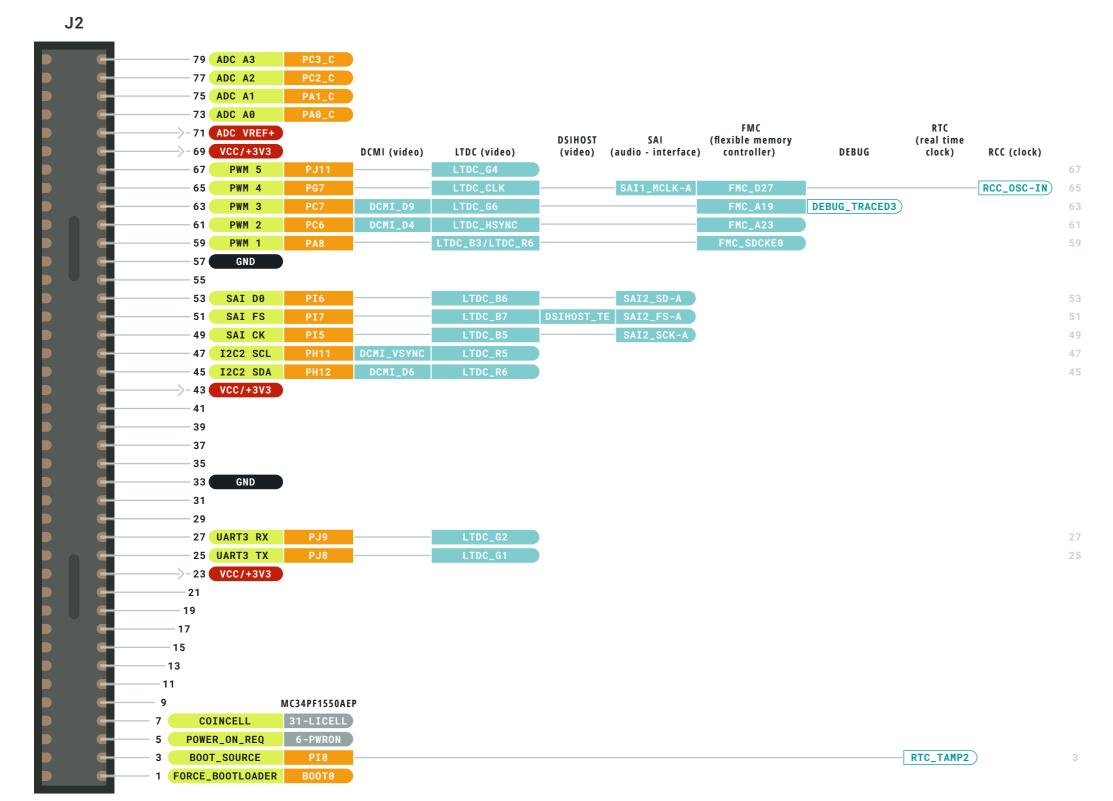
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ARDUINO PORTENTA H7

STORE.ARDUINO.CC/PORTENTA-H7





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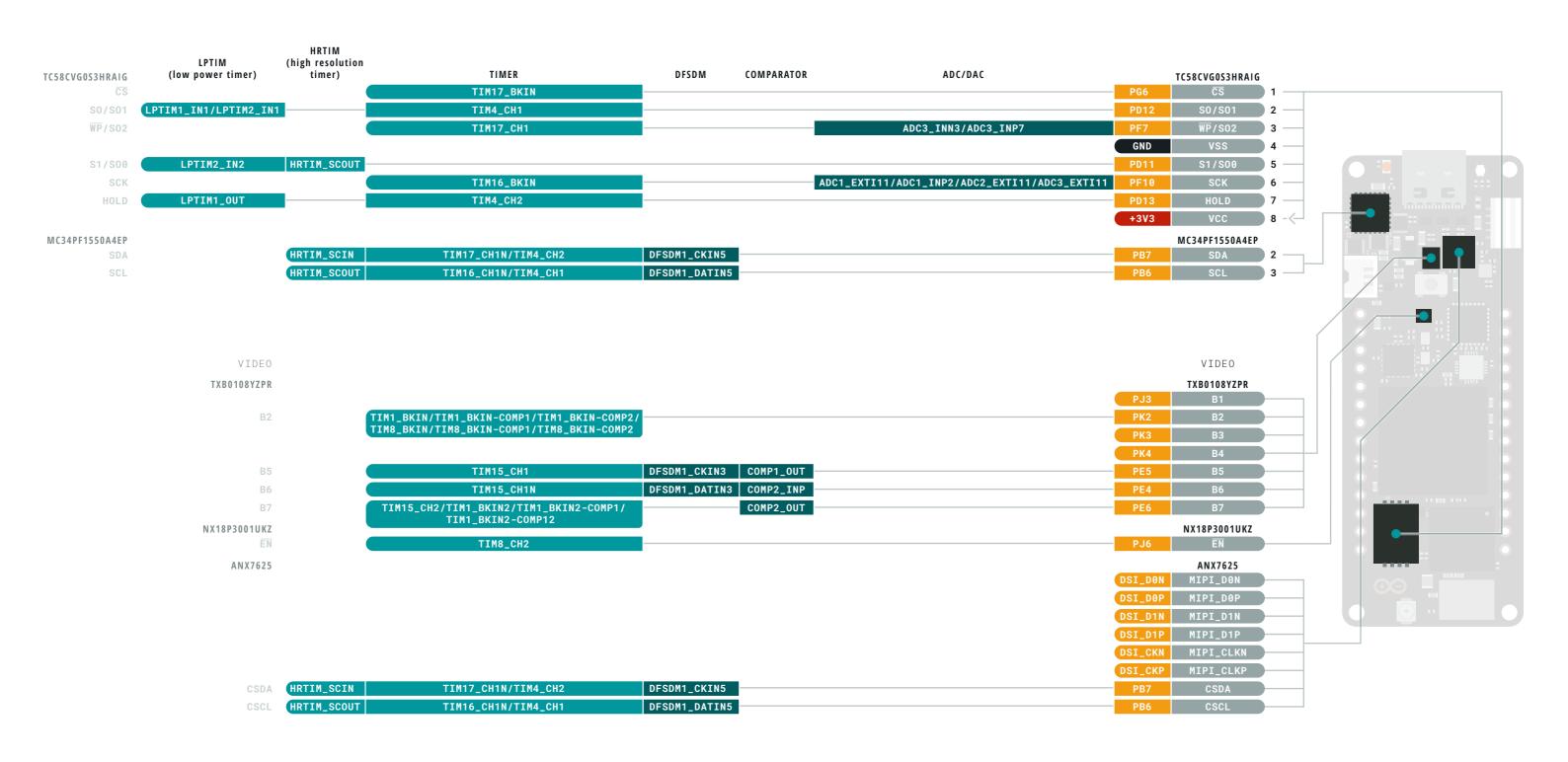
## Last update: 15/12/2023

ARDUINO.CC



STORE.ARDUINO.CC/PORTENTA-H7







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ARDUINO.CC

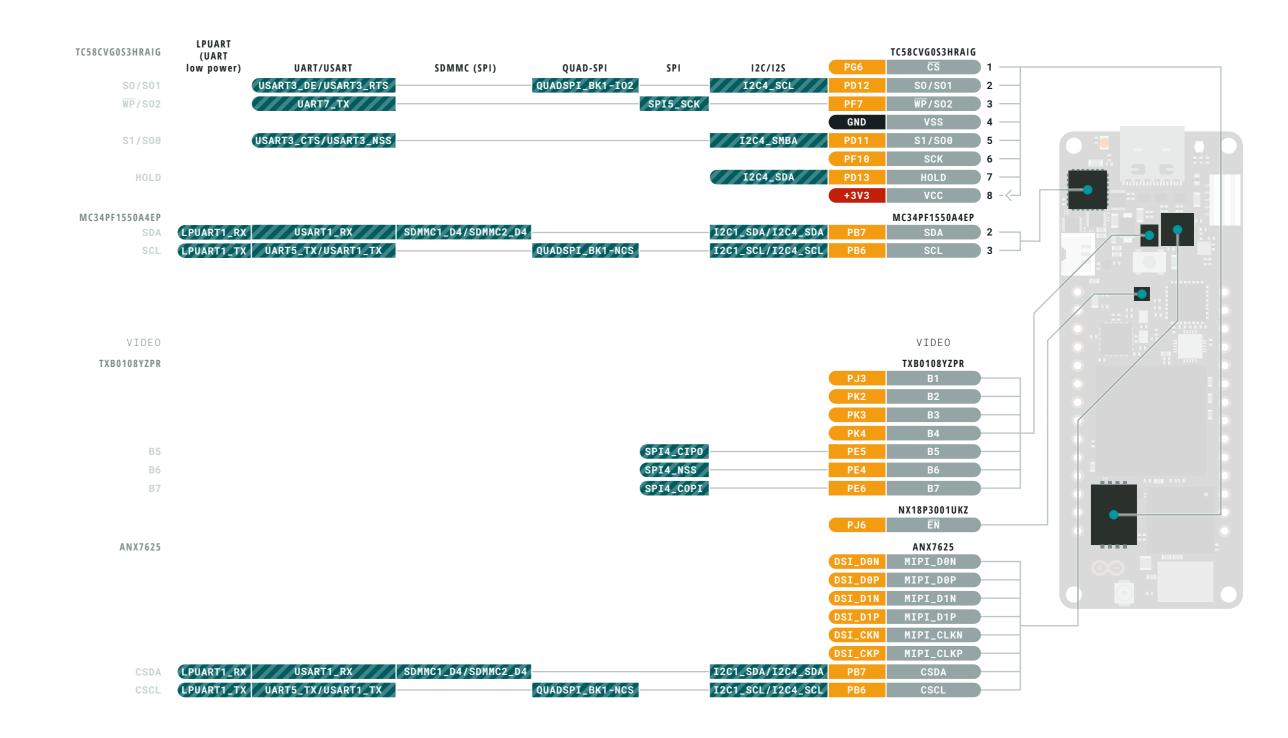
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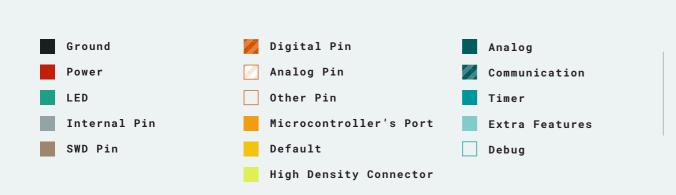
been referred to as MISO/MOSI

Last update: 15/12/2023









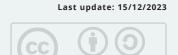
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ARDUINO.CC

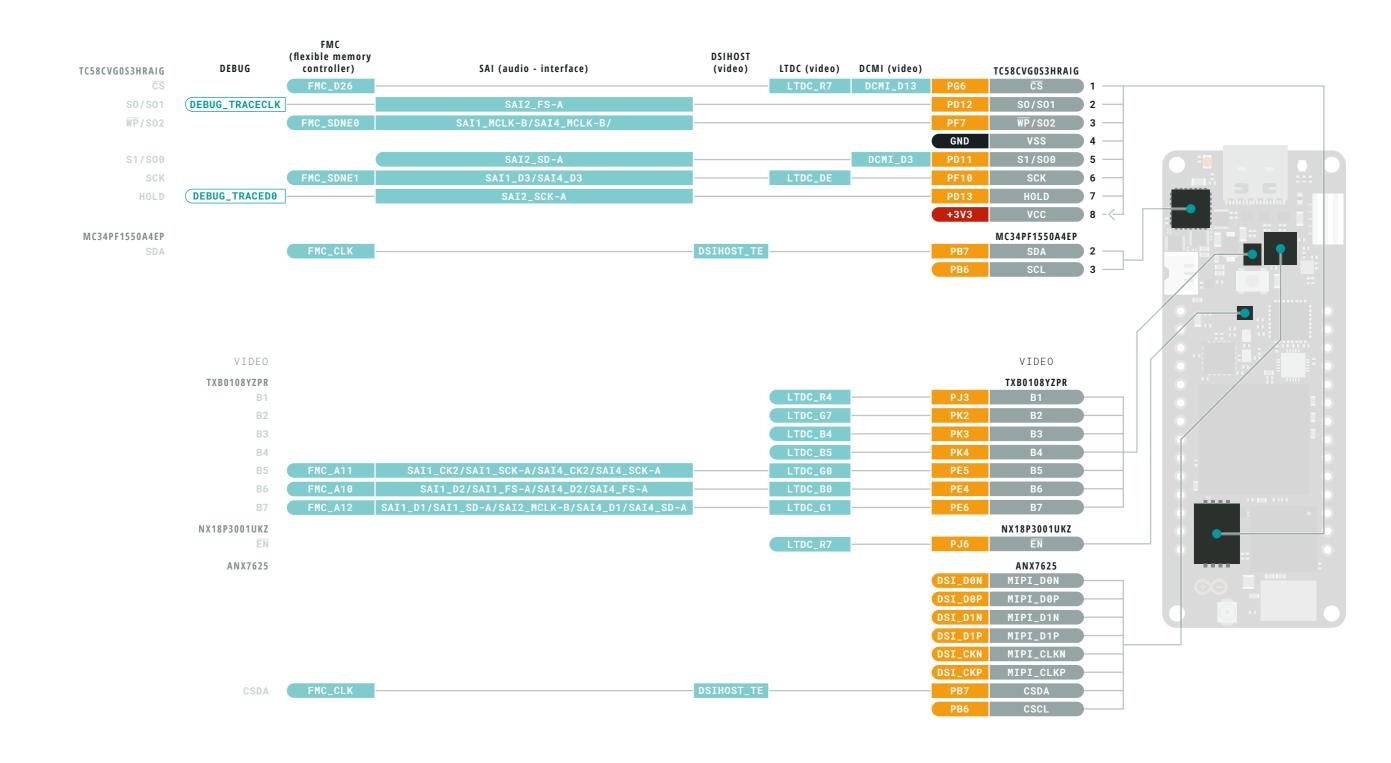
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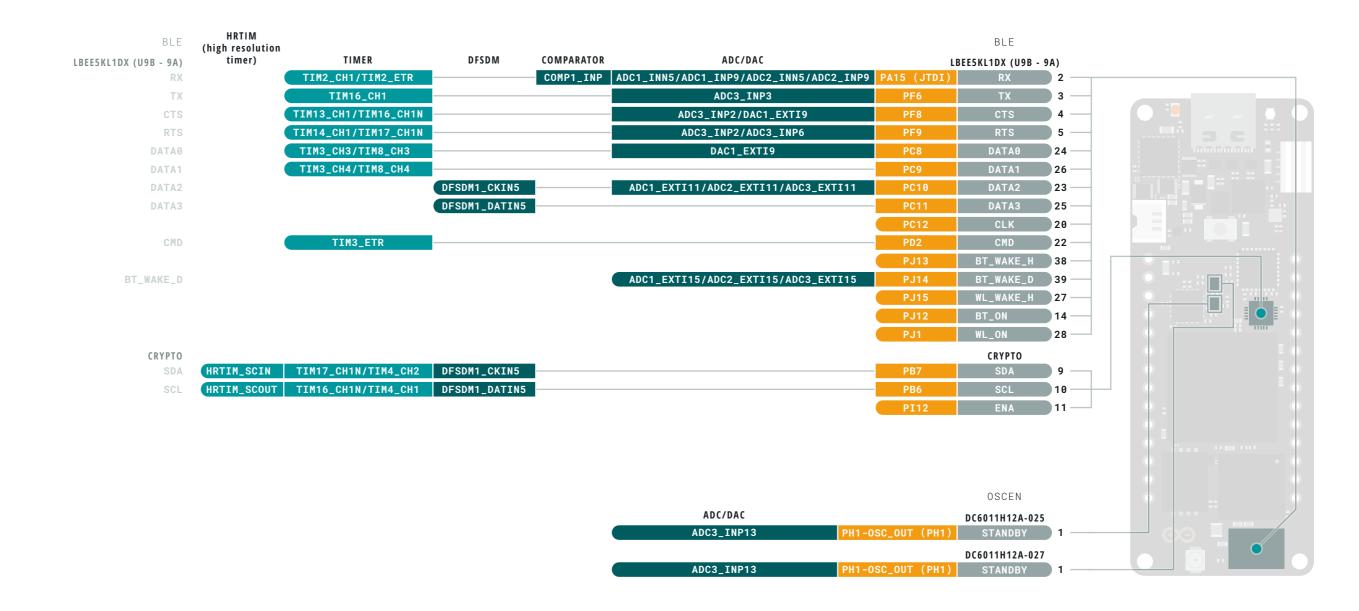
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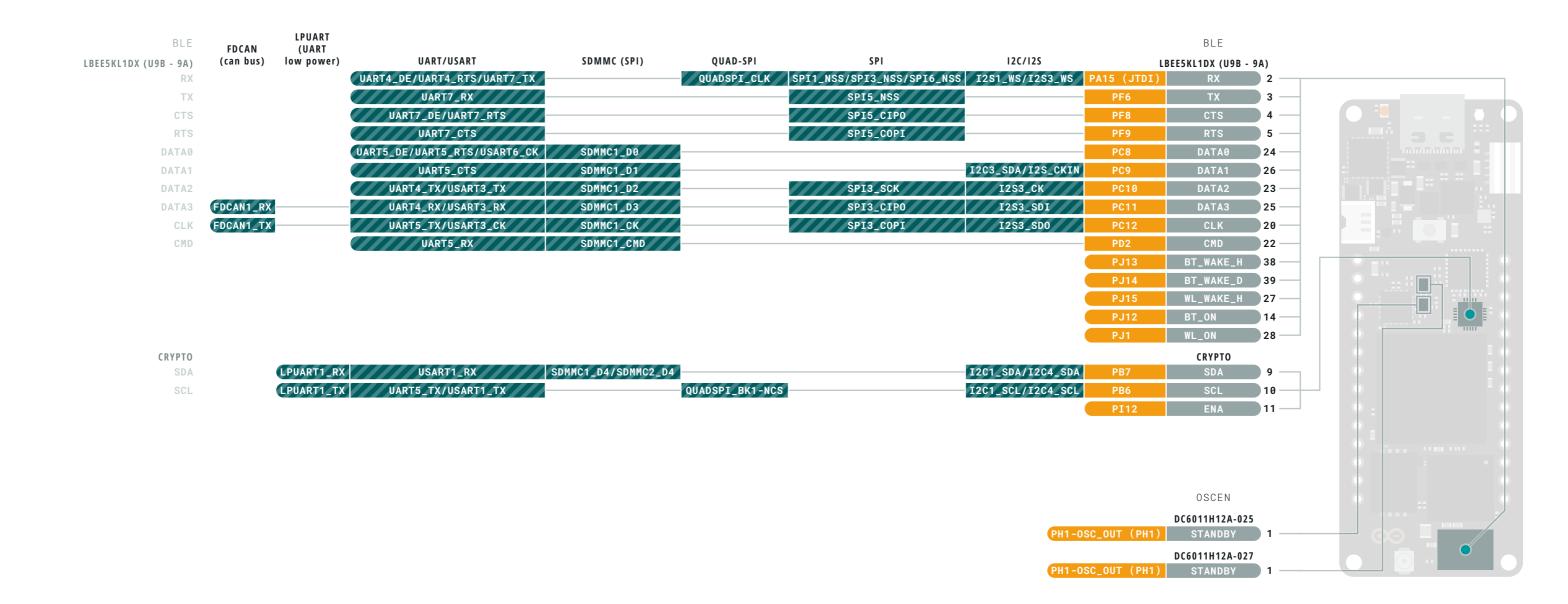
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### ARDUINO.CC

Last update: 15/12/2023









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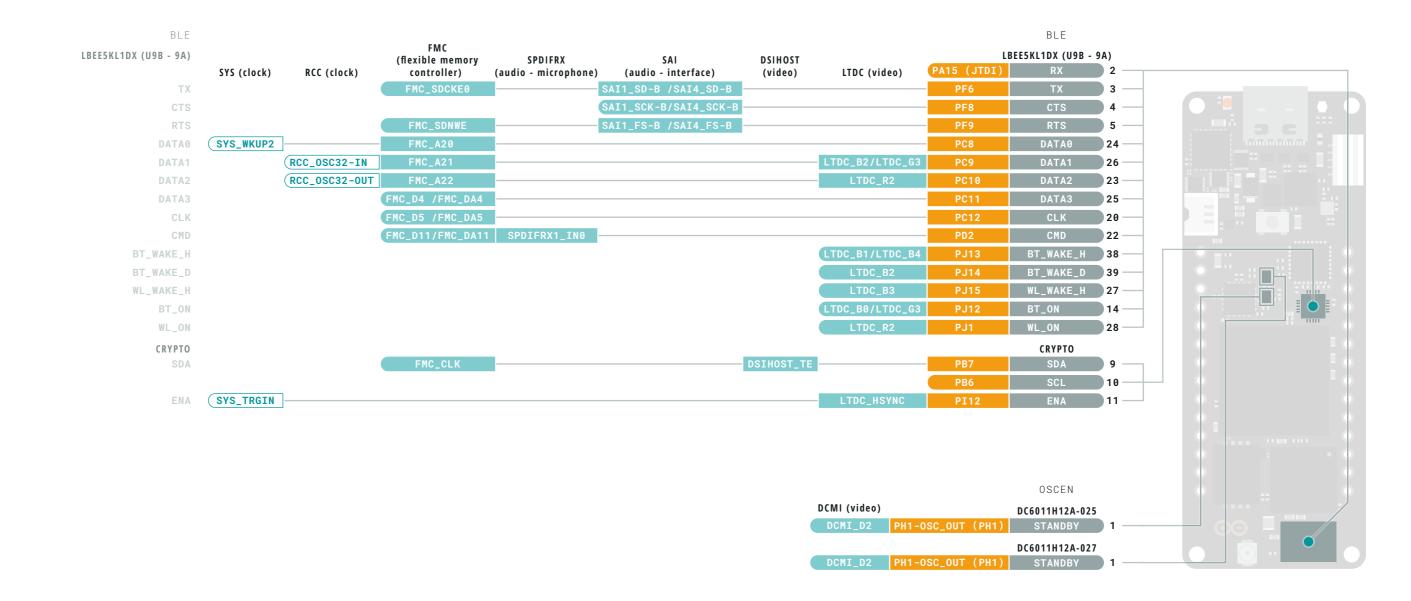
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## ARDUINO . CC Last update: 15/12/2023









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ARDUINO . CC

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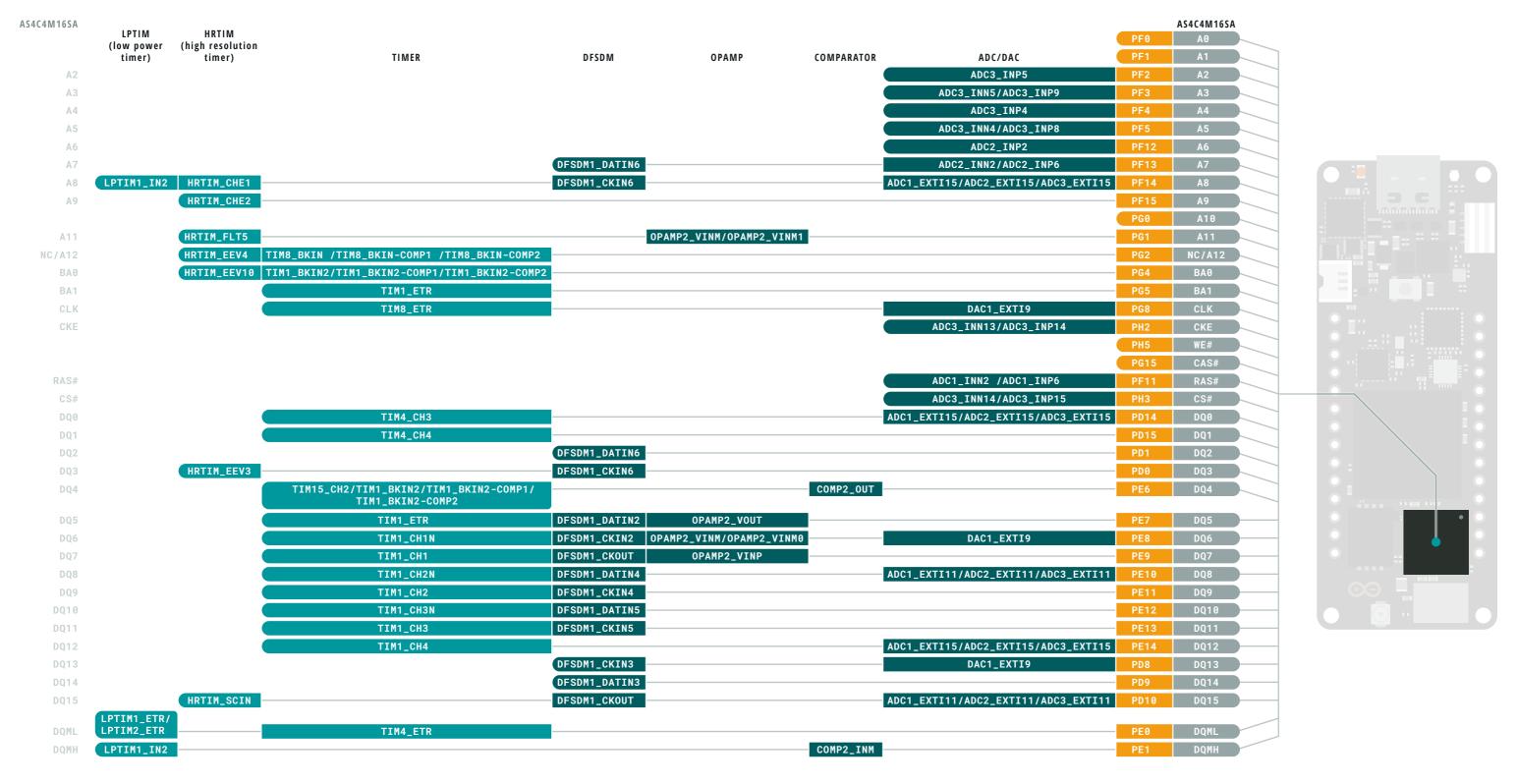
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STORE.ARDUINO.CC/PORTENTA-H7







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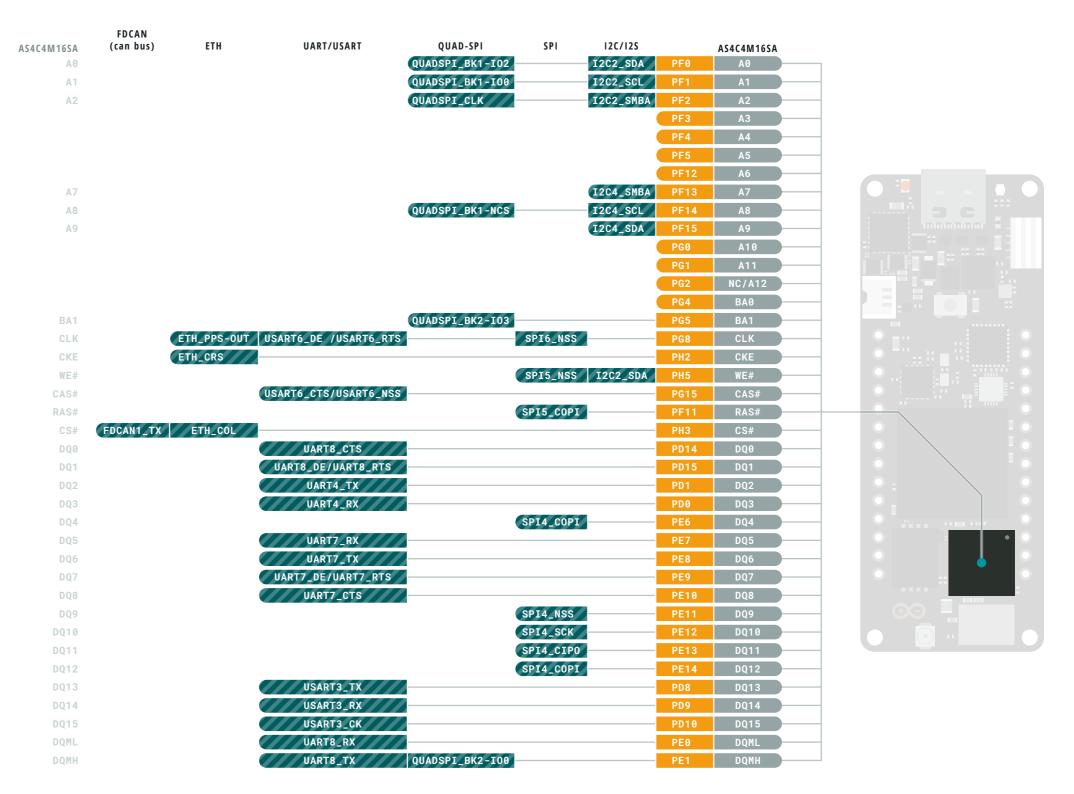
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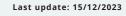


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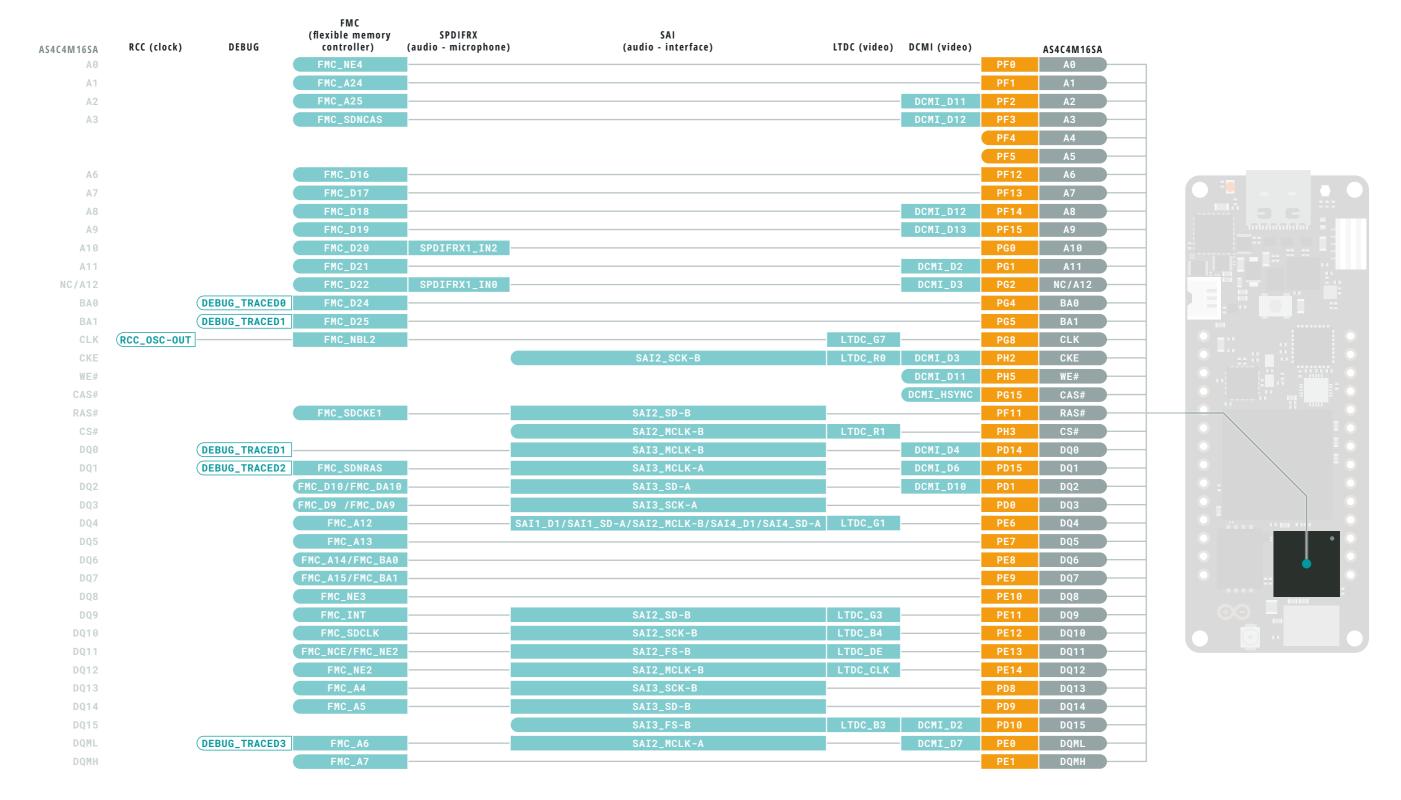
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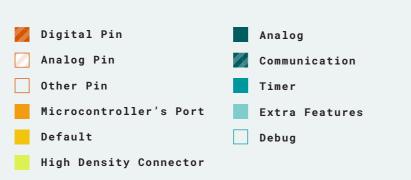












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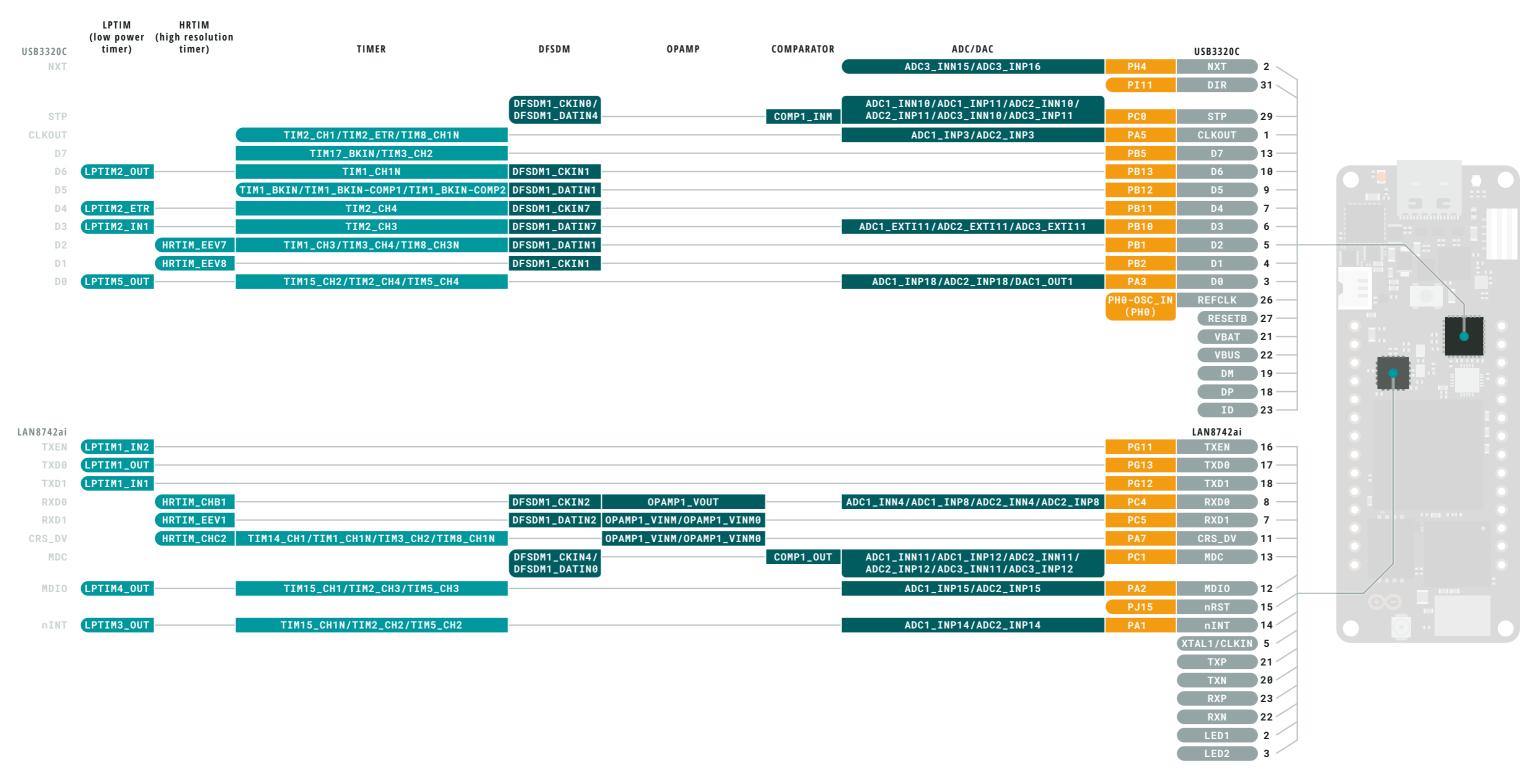
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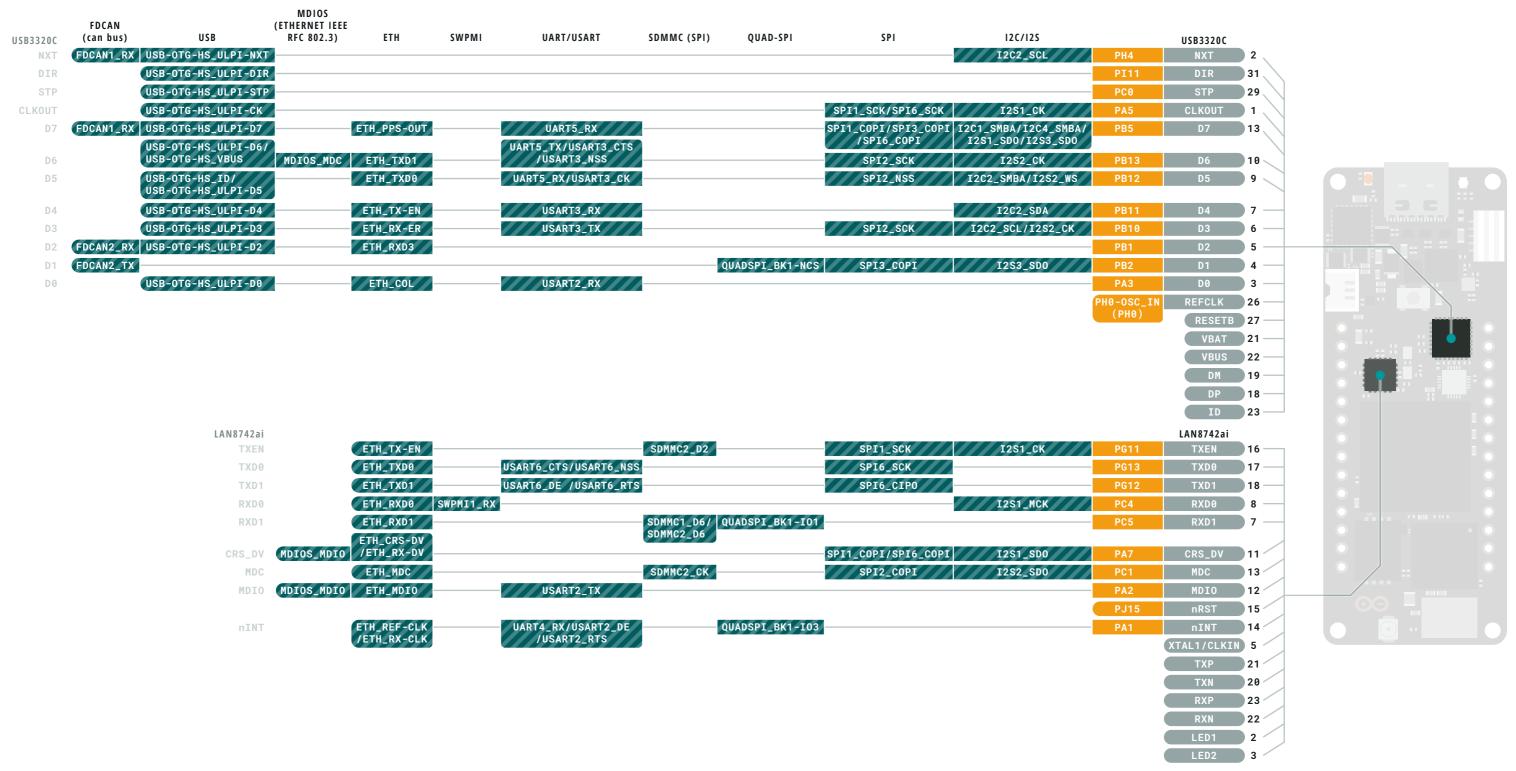
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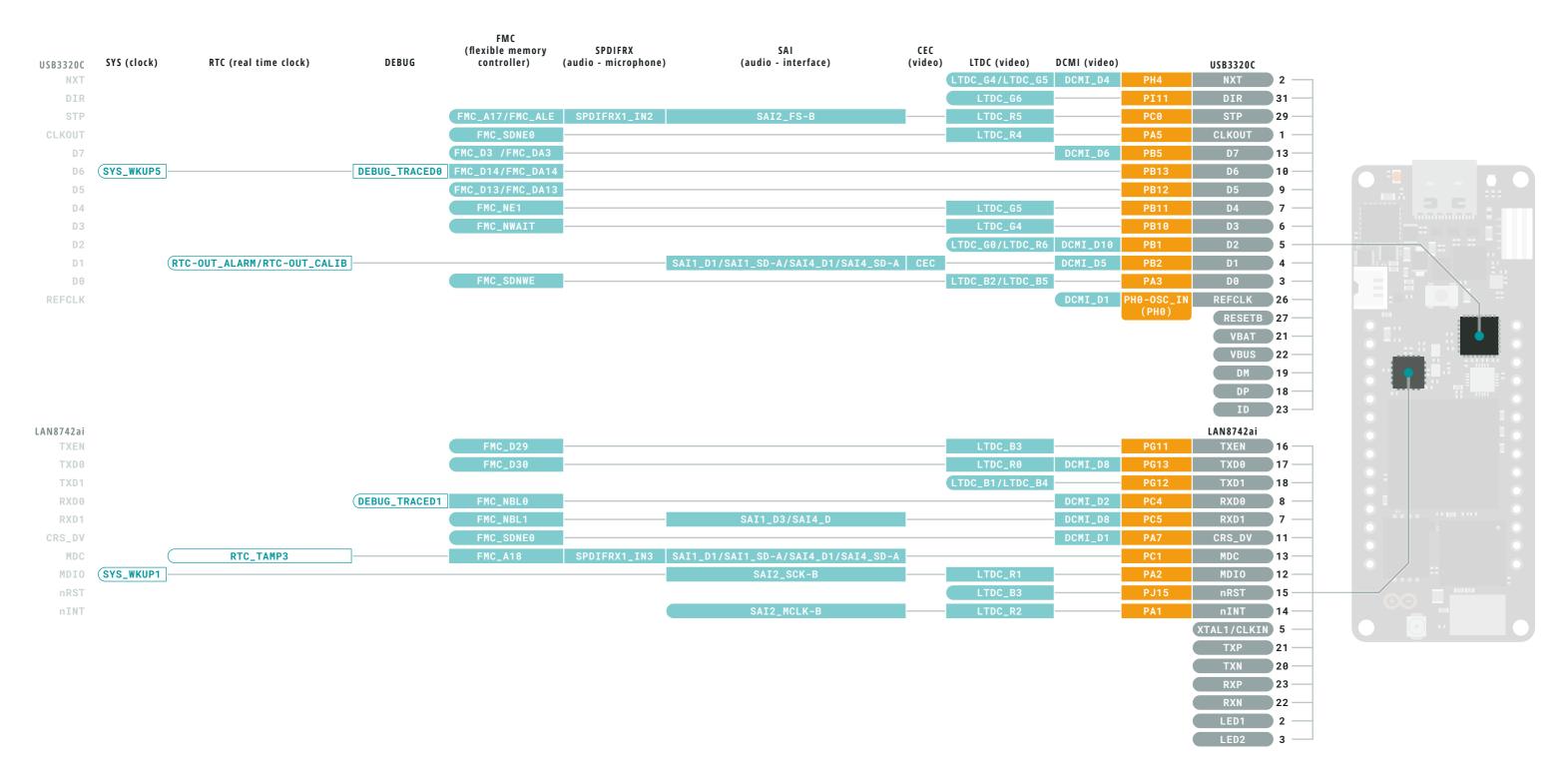
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