

- Ground
- Power
- LED
- Internal Pin
- SWD Pin
- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- Default
- High Density Connector

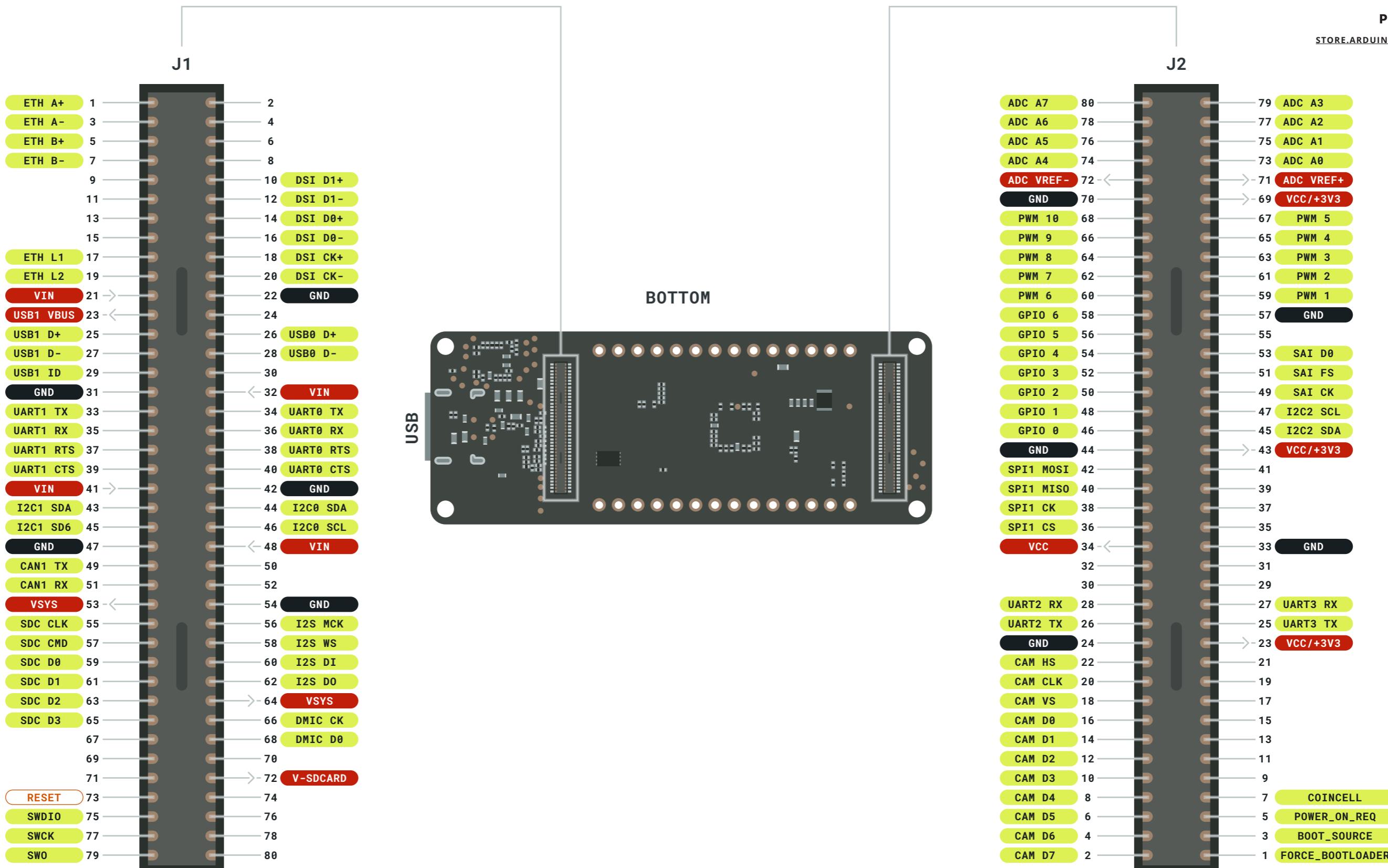
- Analog
- Communication
- Timer
- Extra Features
- Debug

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

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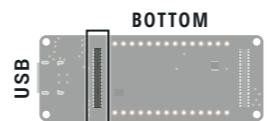


Ground	Digital Pin	Analog
Power	Analog Pin	Communication
LED	Other Pin	Timer
Internal Pin	Microcontroller's Port	Extra Features
SWD Pin	Default	Debug
	High Density Connector	

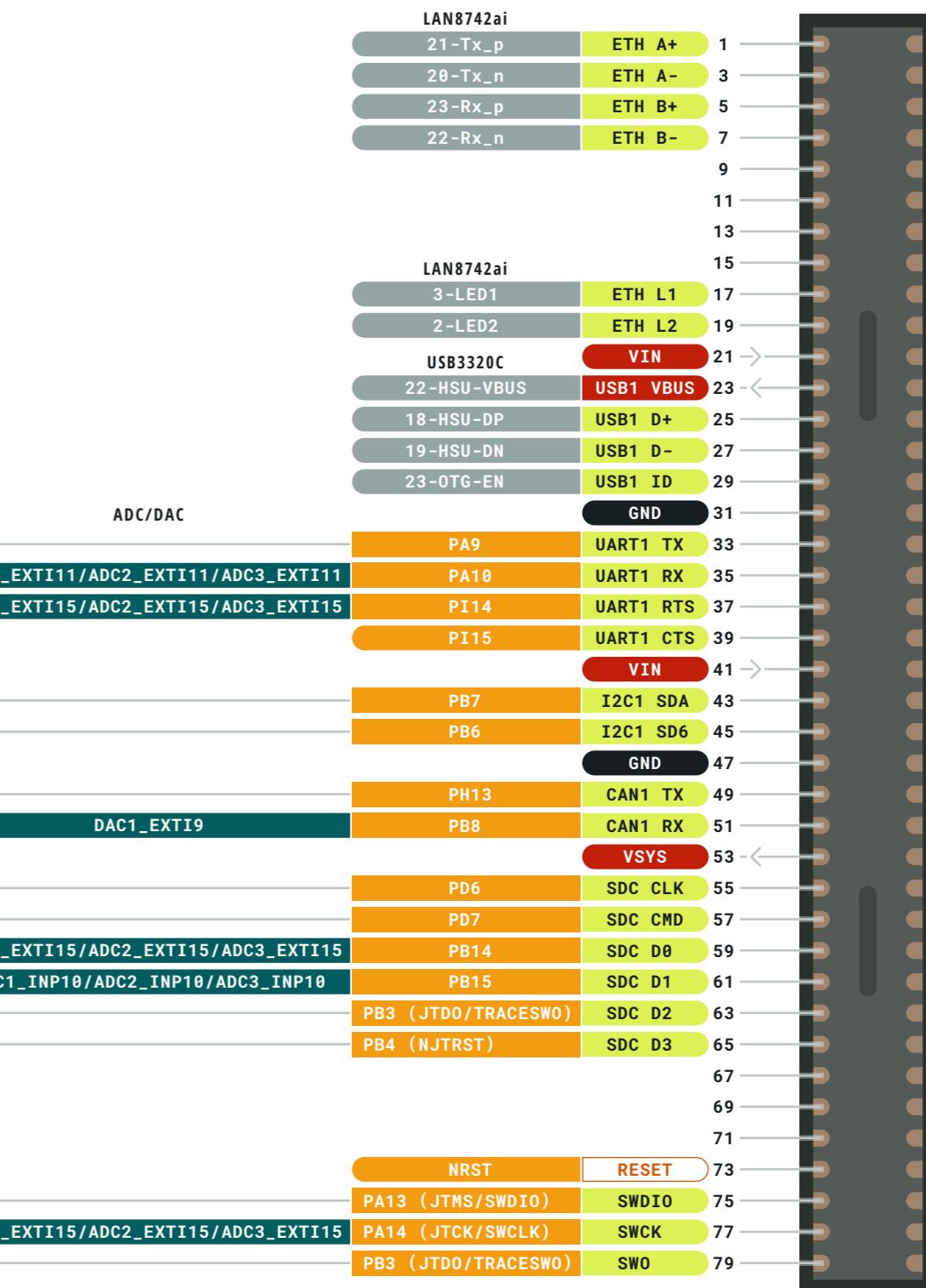
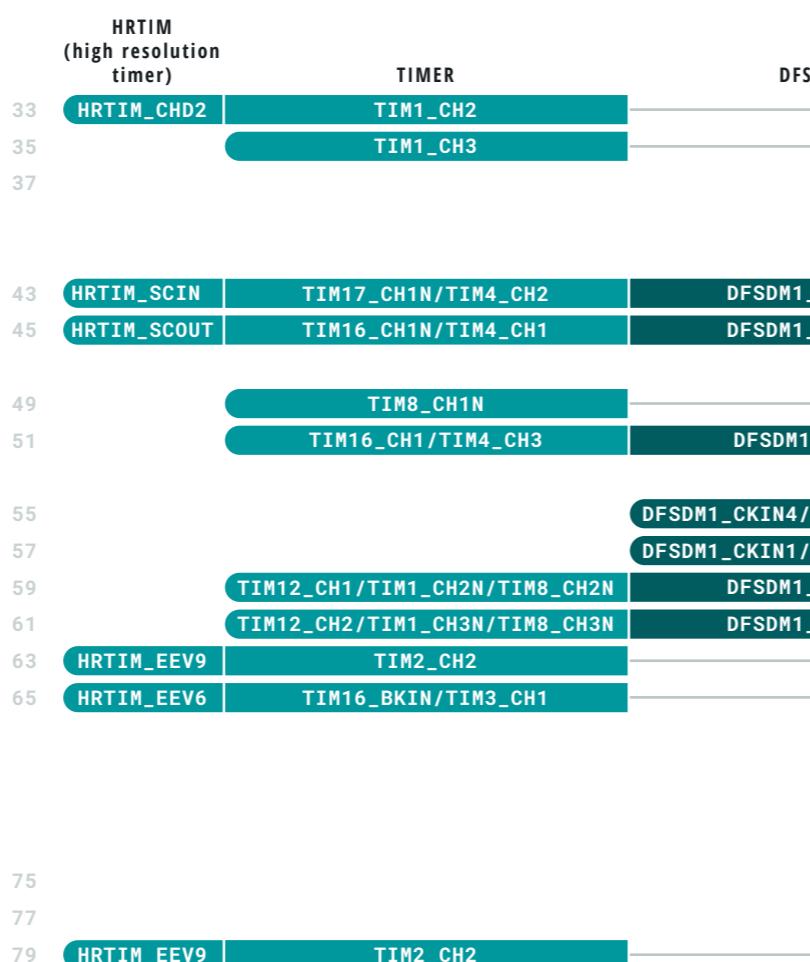
- ⚠ WARNING** Total output current sunk by sum of all I/Os and control pins is 140 mA
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J1_odd - Analog/Timer



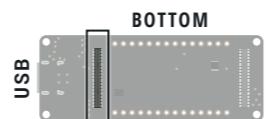
- Ground
- Power
- LED
- Internal Pin
- SWD Pin

- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- Default
- High Density Connector
- Analog
- Communication
- Timer
- Extra Features
- Debug

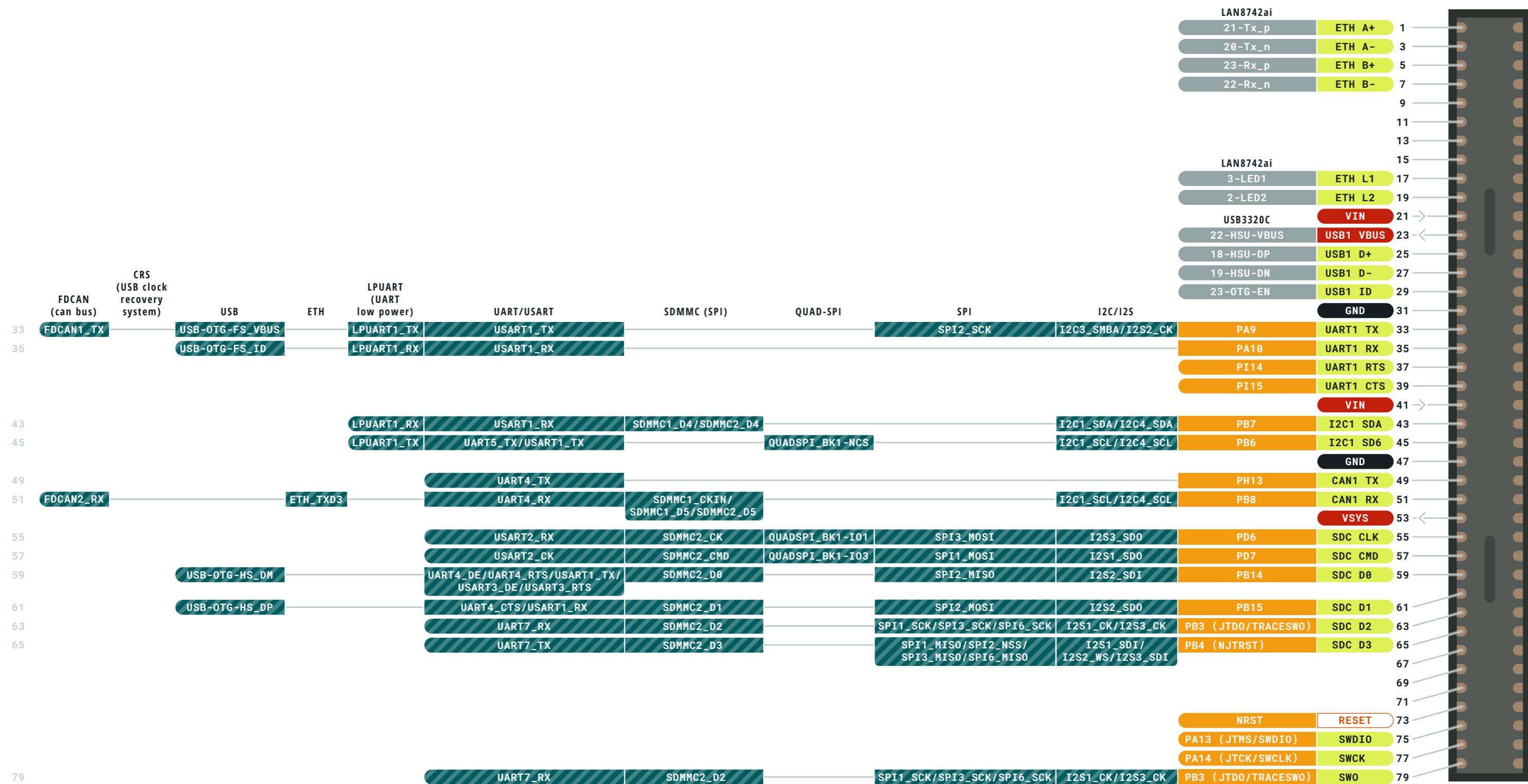
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J1_odd - Communication



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

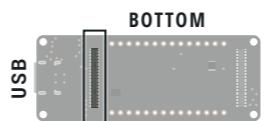
- Digital Pin
- Analog Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- Default
- High Density Connector
- Communication
- Timer
- Extra Features
- Debug

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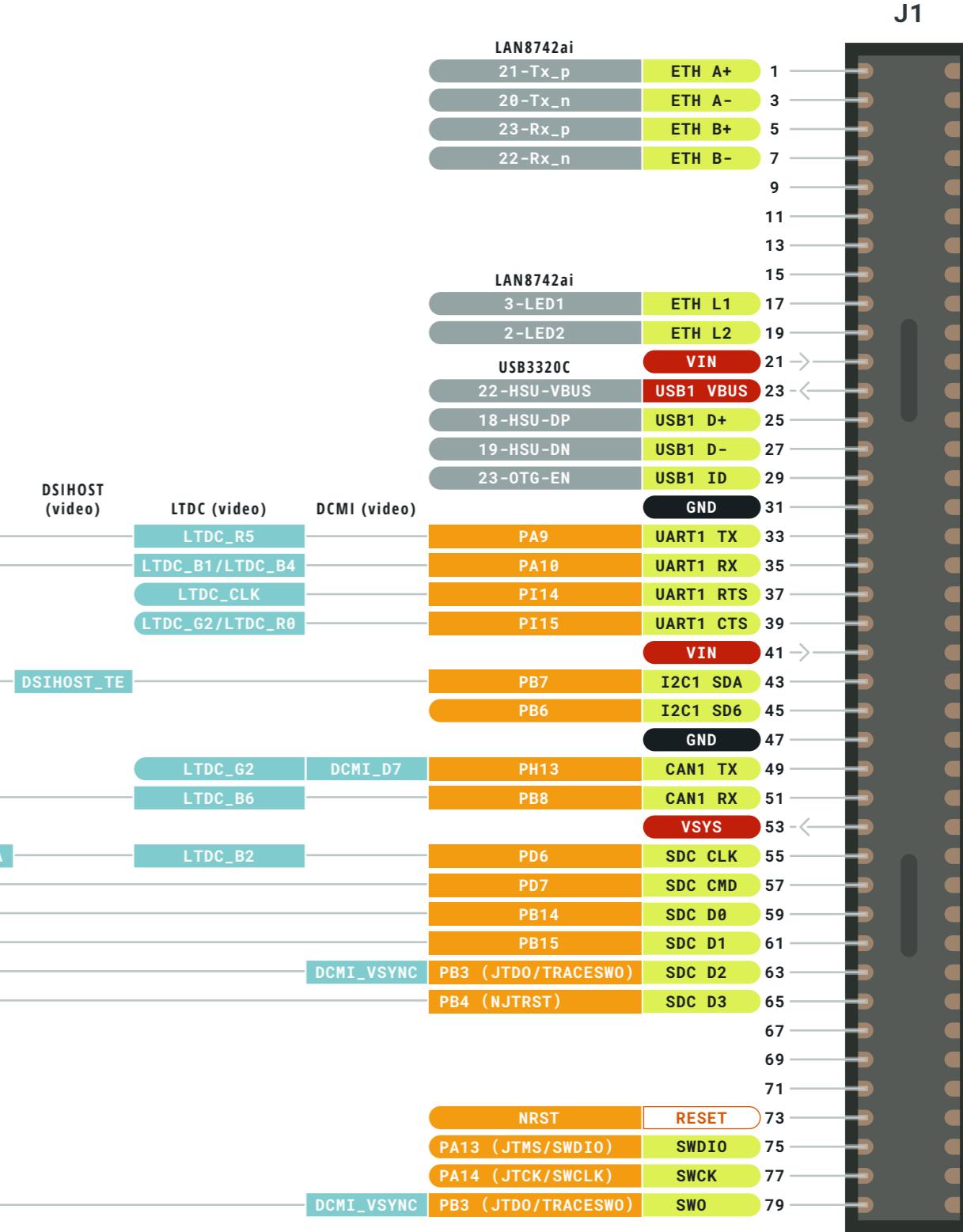
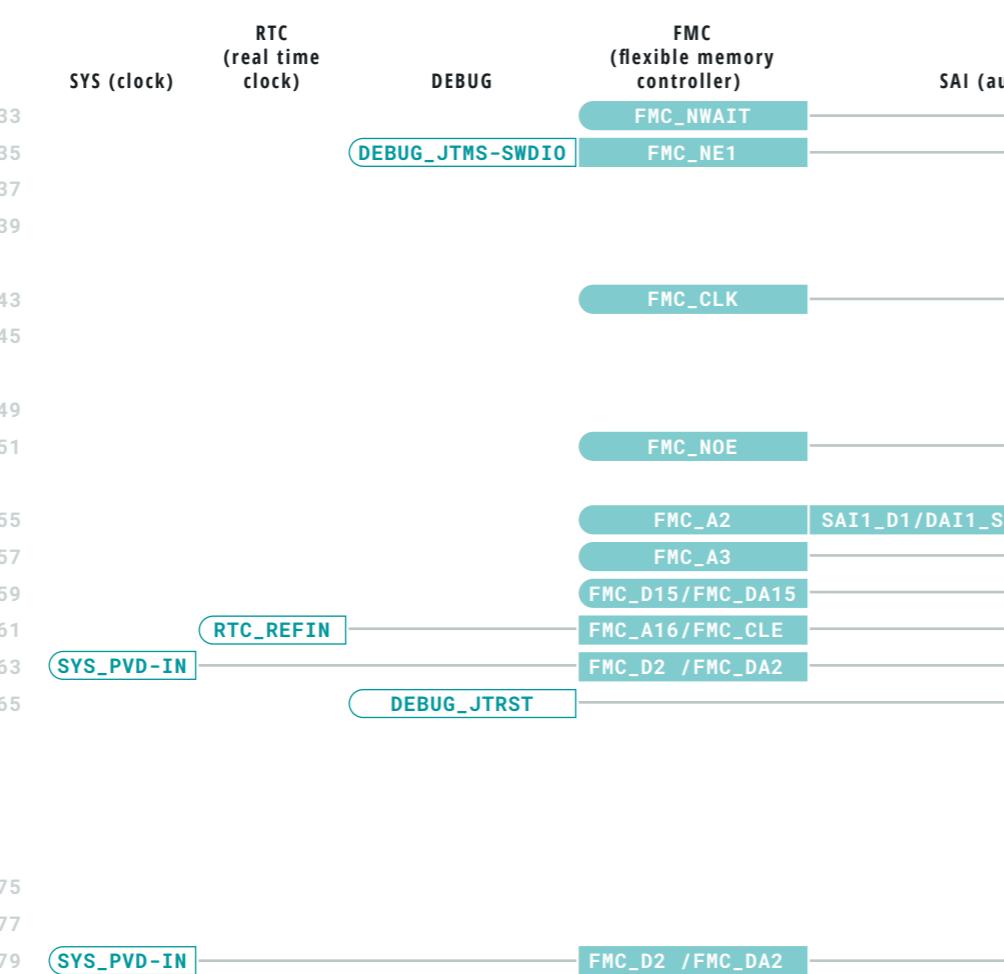
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J1_odd - Extra/Debug



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

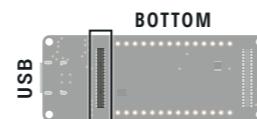
- Digital Pin
- Analog
- Communication
- Other Pin
- Timer
- Extra Features
- Default
- Debug
- High Density Connector

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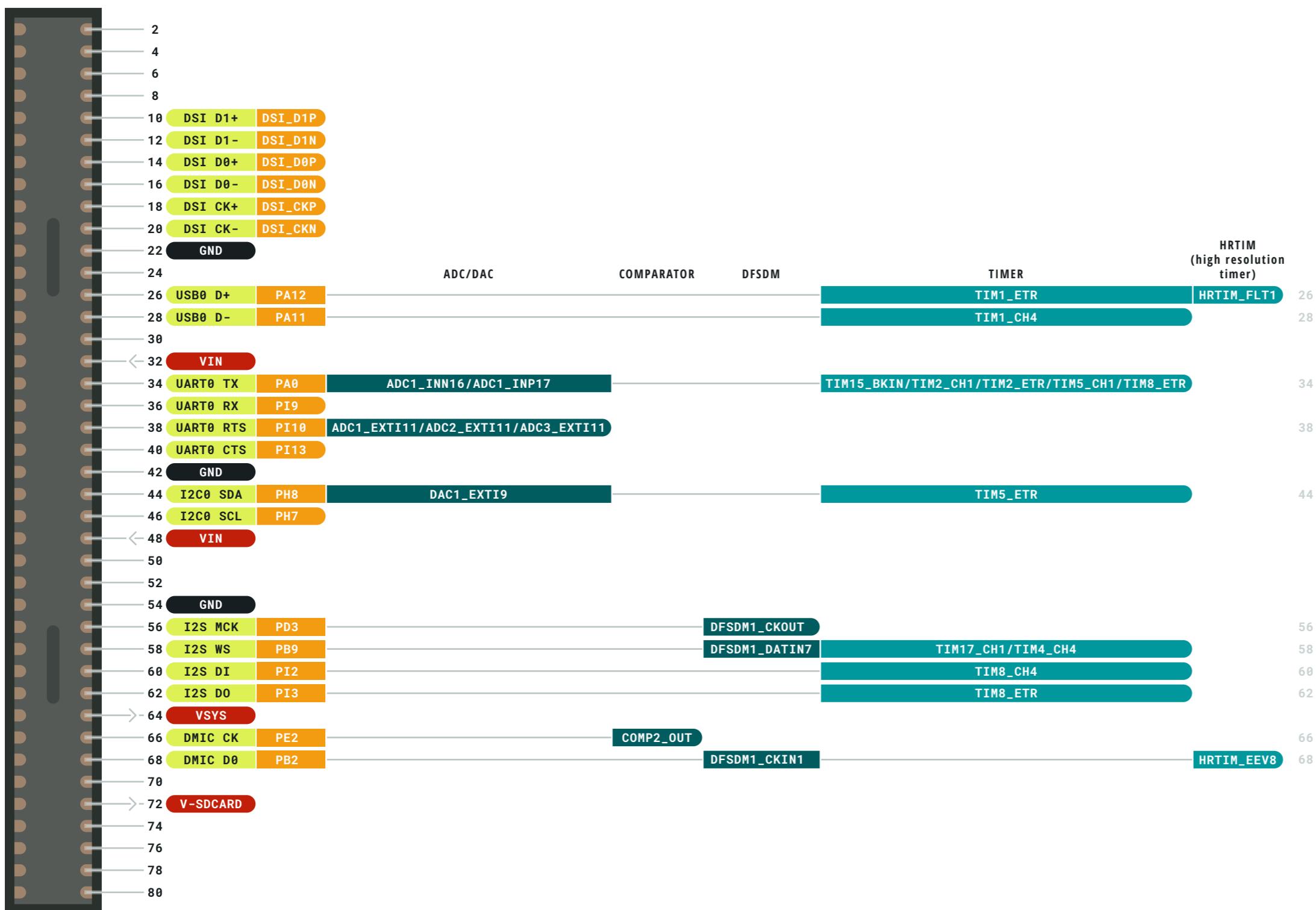
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J1_even - Analog/Timer

J1


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

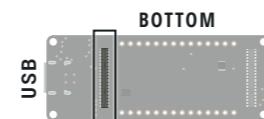
- Digital Pin
 - Analog Pin
 - Other Pin
 - Microcontroller's Port
 - Default
 - High Density Connector
- Analog
 - Communication
 - Timer
 - Extra Features
 - Debug

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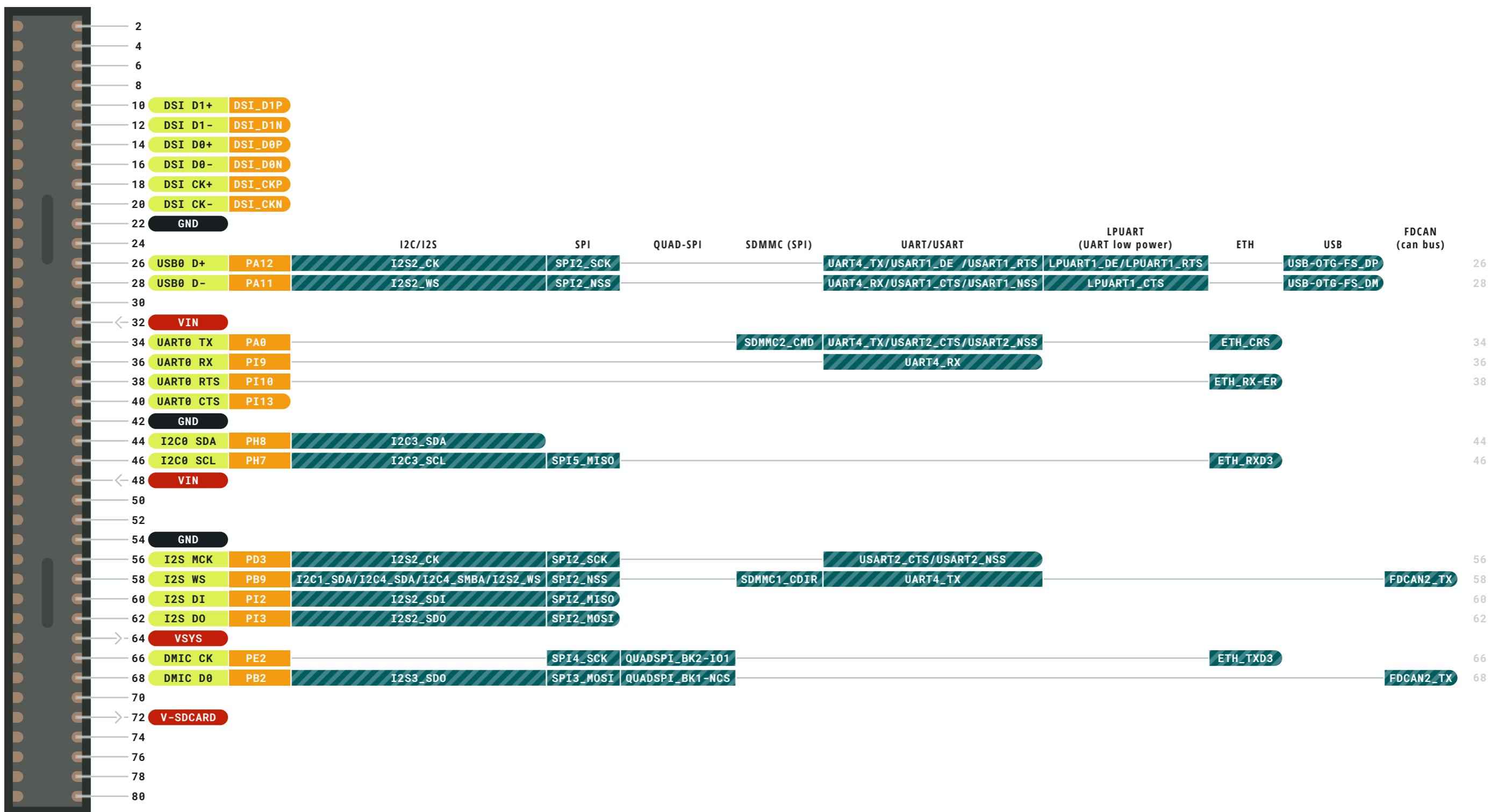
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J1_even - Communication

J1

Ground
Power
LED
Internal Pin
SWD Pin
Digital Pin
Analog Pin
Other Pin
Microcontroller's Port
Default
High Density Connector
Analog
Communication
Timer
Extra Features
Debug
WARNING Total output current sunk by sum of all I/Os and control pins is 140 mA

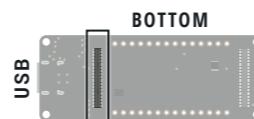
WARNING Total output current sourced by sum of all I/Os and control pins is 140 mA

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

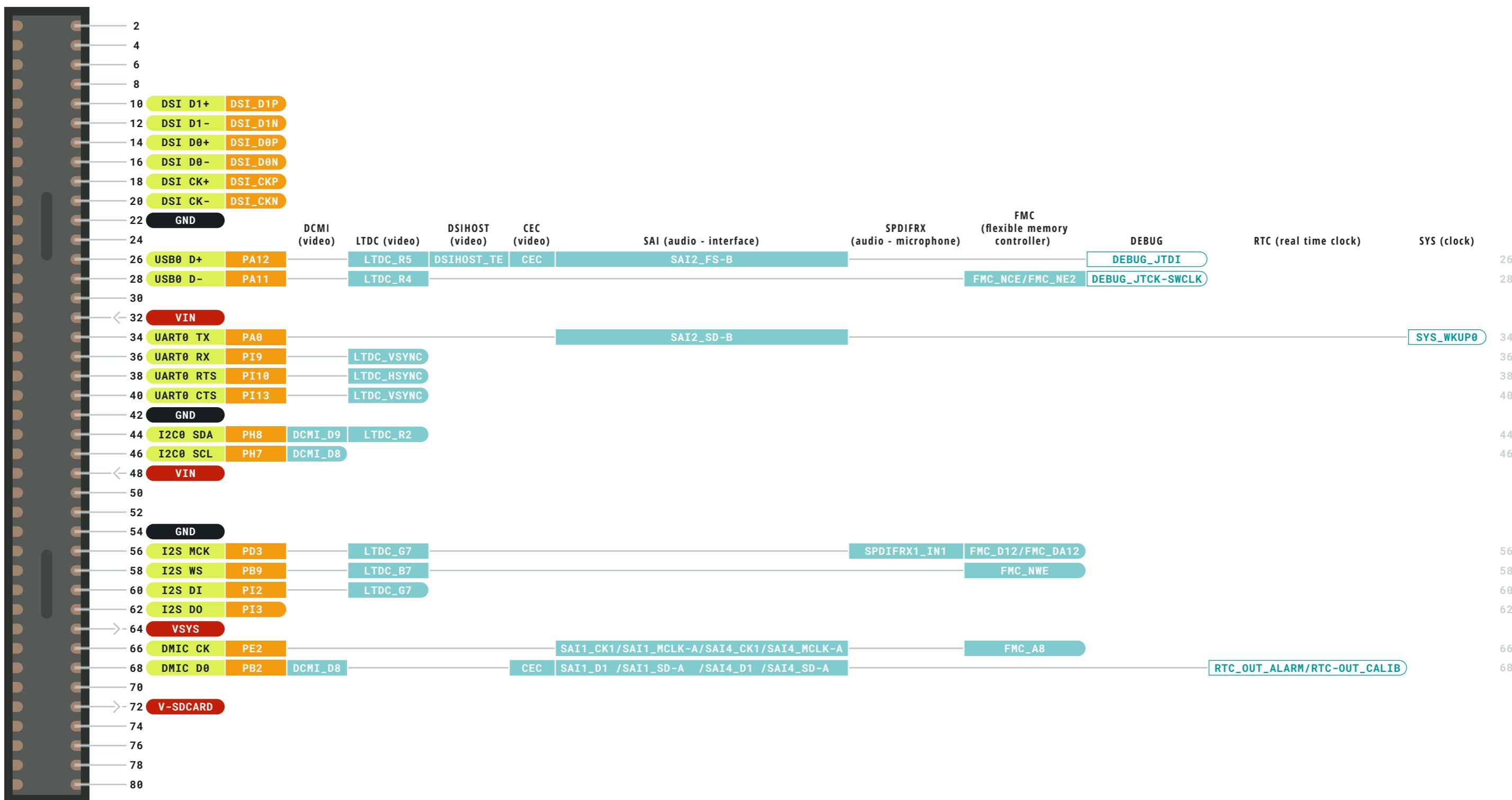
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J1_even - Extra/Debug

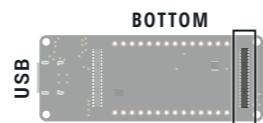
J1

Ground
Power
LED
Internal Pin
SWD Pin
Digital Pin
Analog Pin
Other Pin
Microcontroller's Port
Default
High Density Connector
Analog
Communication
Timer
Extra Features
Debug
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

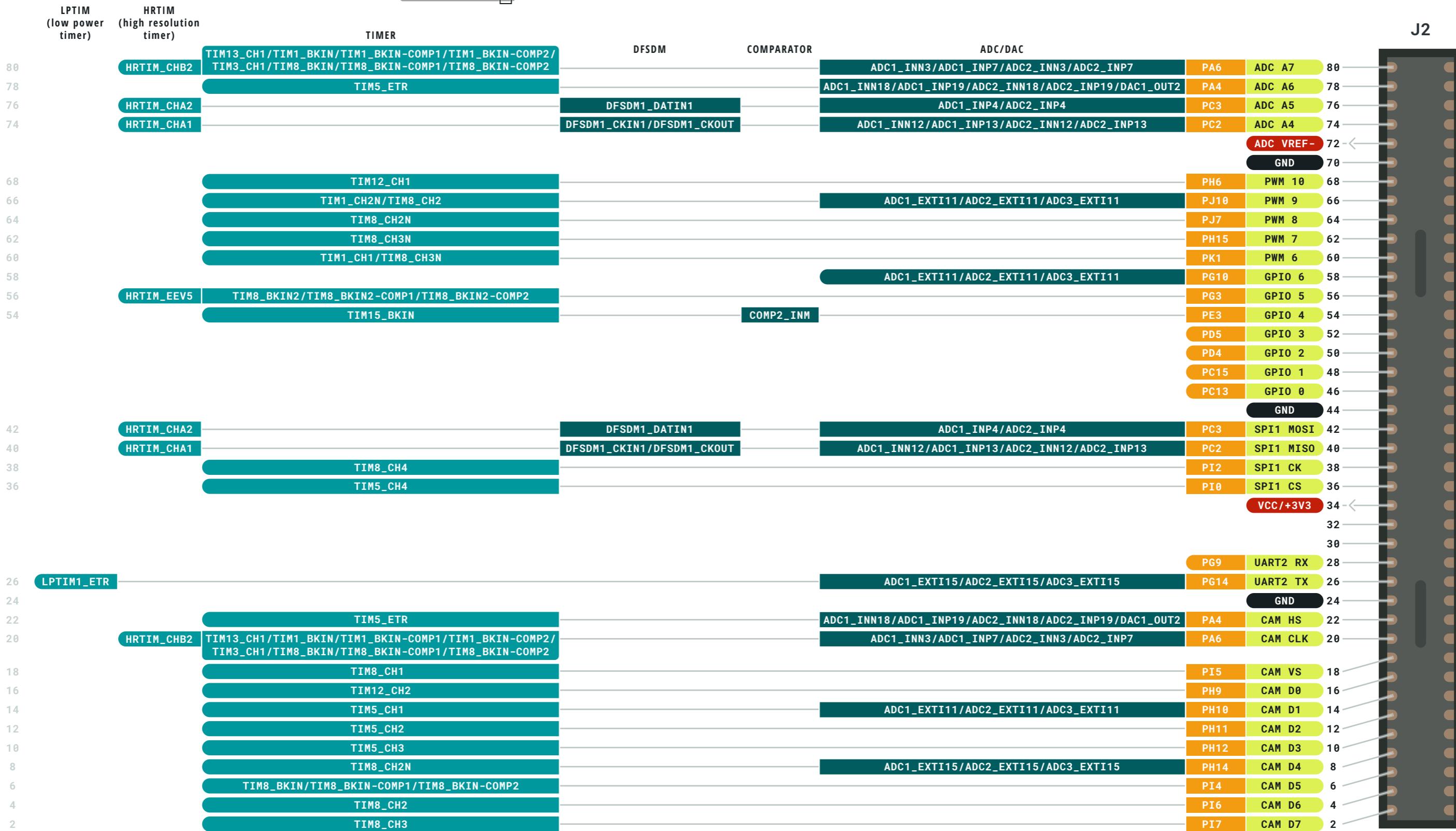
WARNING Output current sunk by any I/O and control pin is 20 mA

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J2_even - Analog/Timer



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

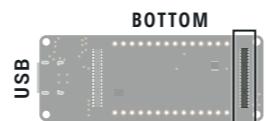
- █ Digital Pin
- █ Analog Pin
- █ Other Pin
- █ Microcontroller's Port
- █ Default
- █ High Density Connector
- █ Analog
- █ Communication
- █ Timer
- █ Extra Features
- █ Debug

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- ! **WARNING** Total output current sourced by sum of all I/Os and control pins is 140 mA
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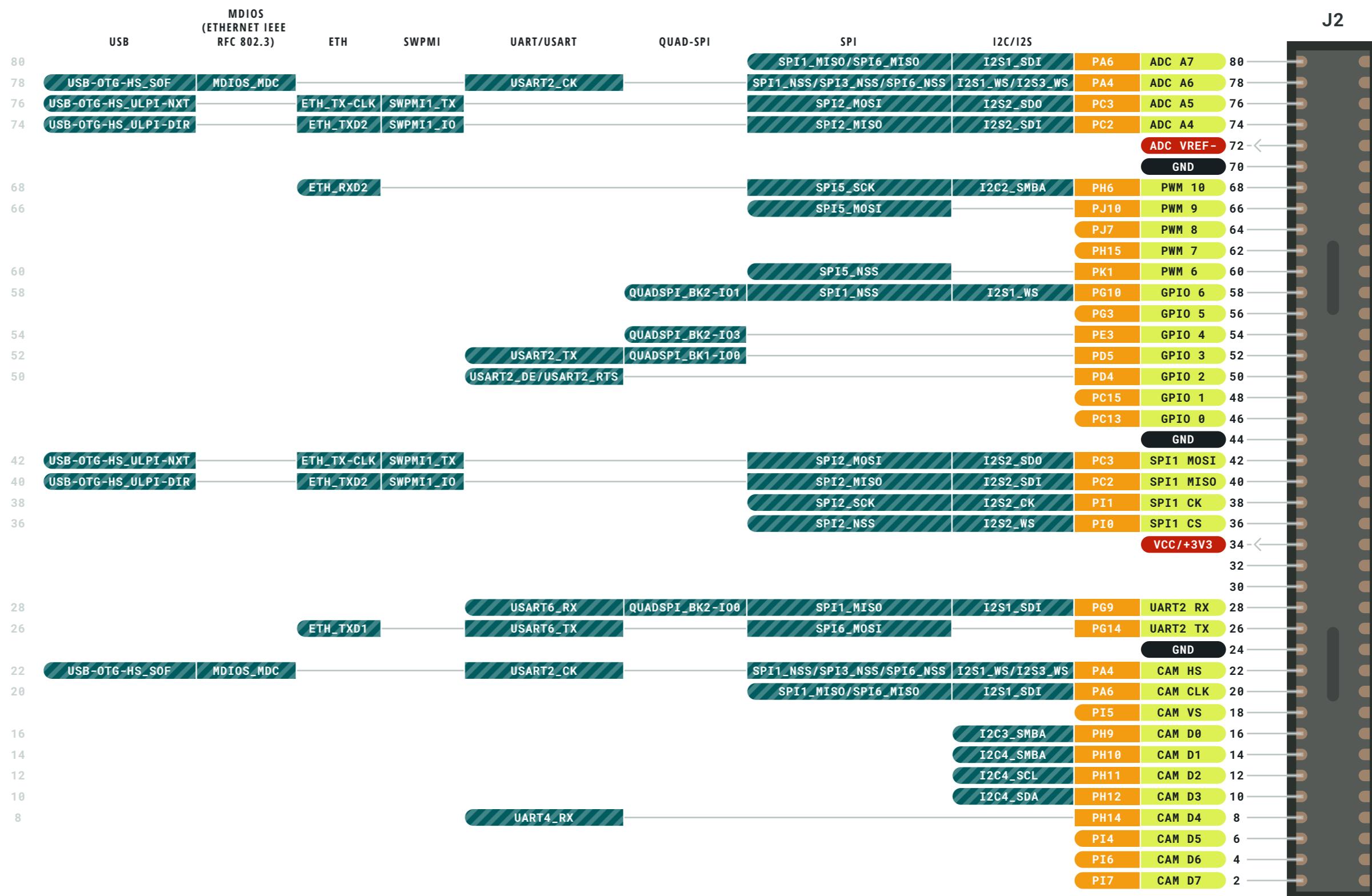
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J2_even - Communication

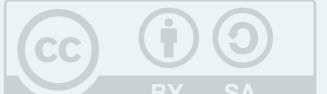


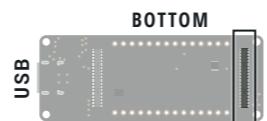
- Ground
- Power
- LED
- Internal Pin
- SWD Pin

- Digital Pin
- Analog Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- Default
- High Density Connector
- Analog
- Communication
- Timer
- Extra Features
- Debug

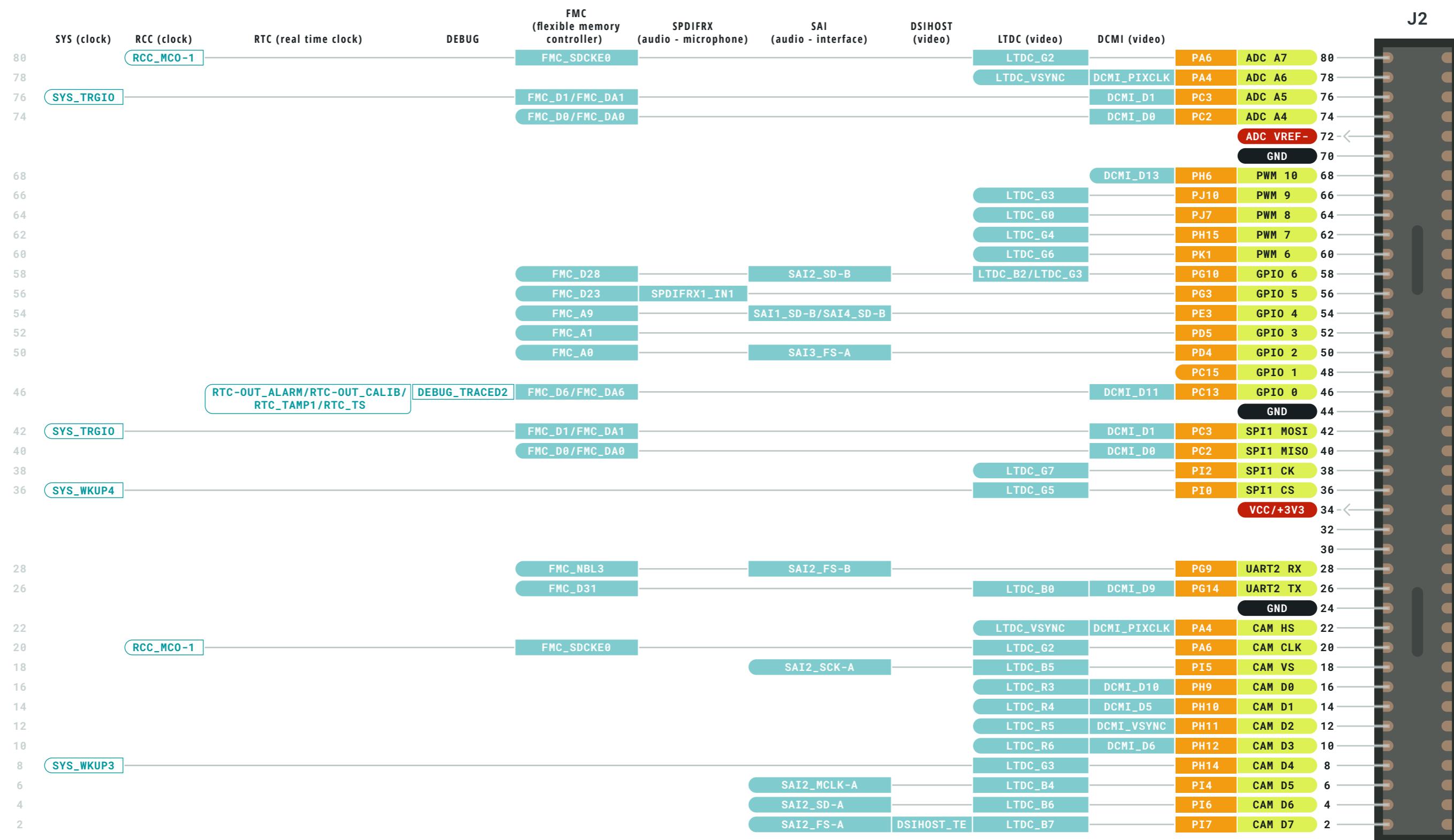
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J2_even - Extra/Debug



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

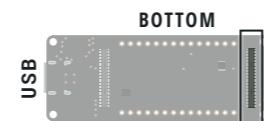
- Digital Pin
- Analog
- Communication
- Other Pin
- Timer
- Microcontroller's Port
- Default
- High Density Connector
- Extra Features
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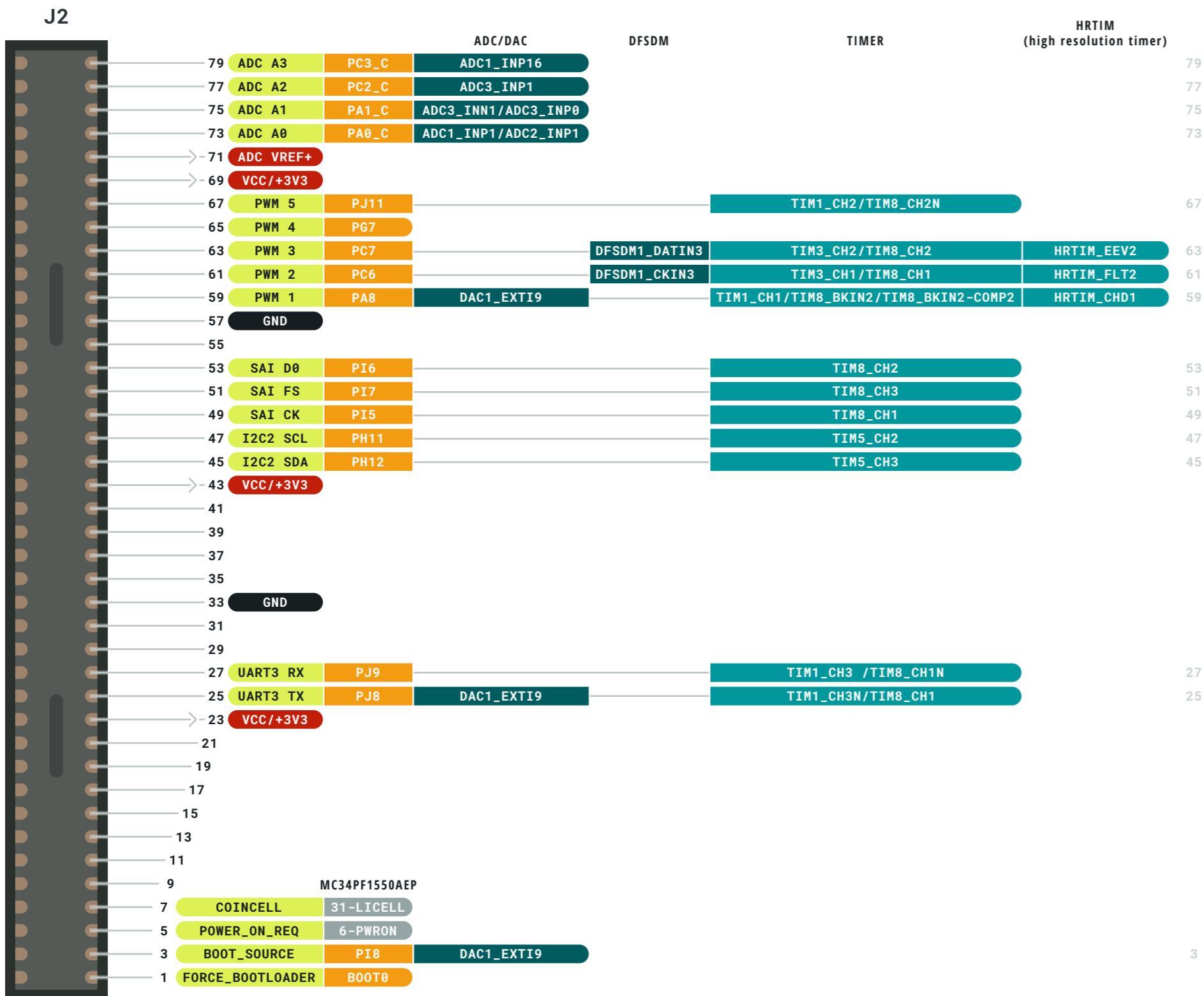
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J2 Odd - Analog/Timer



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

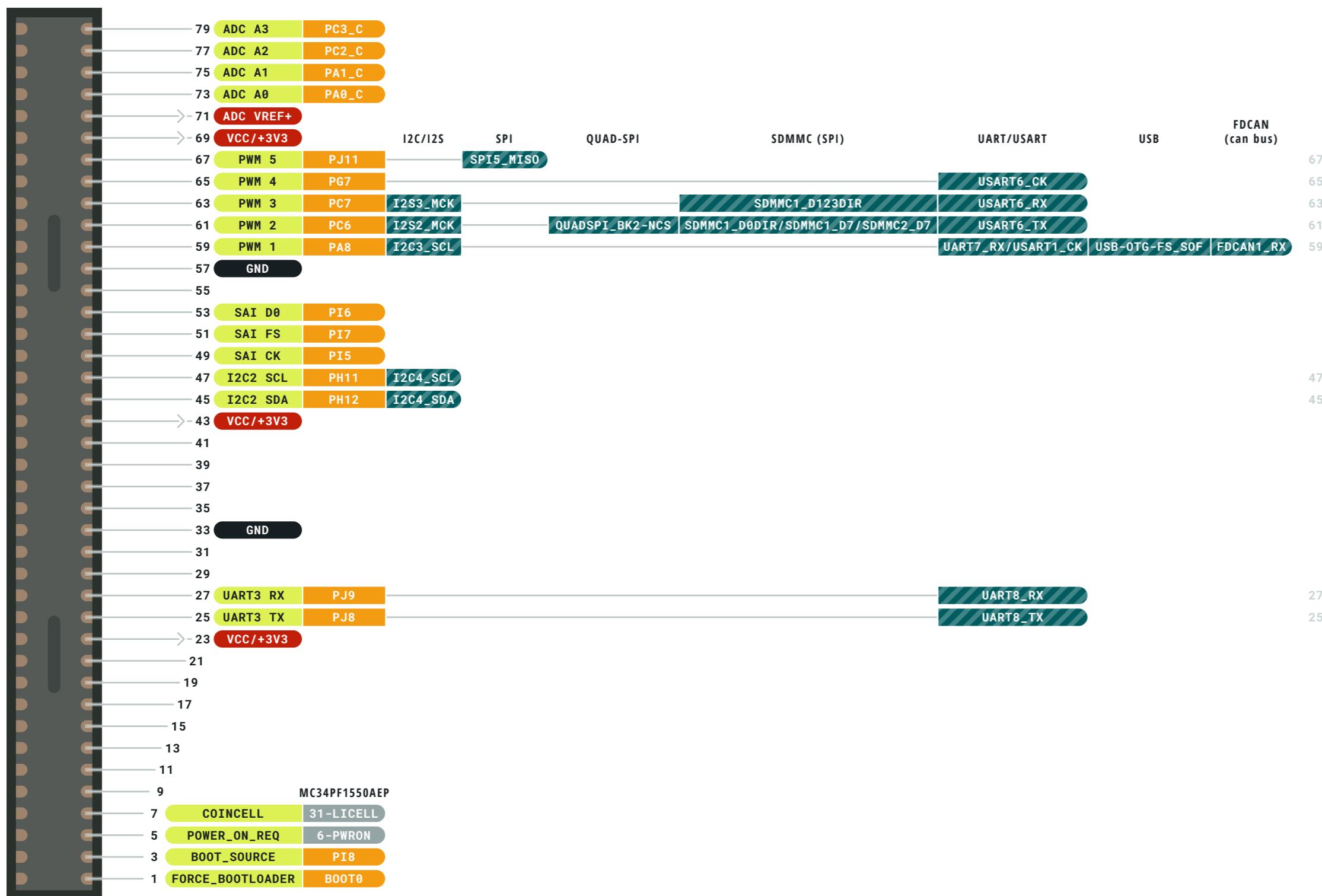
- █ Digital Pin
- █ Analog Pin
- █ Analog
- █ Other Pin
- █ Communication
- █ Microcontroller's Port
- █ Default
- █ Timer
- █ Extra Features
- █ Debug
- █ High Density Connector

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J2 Odd - Communication

J2


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

- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- Default
- High Density Connector

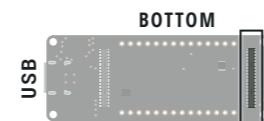
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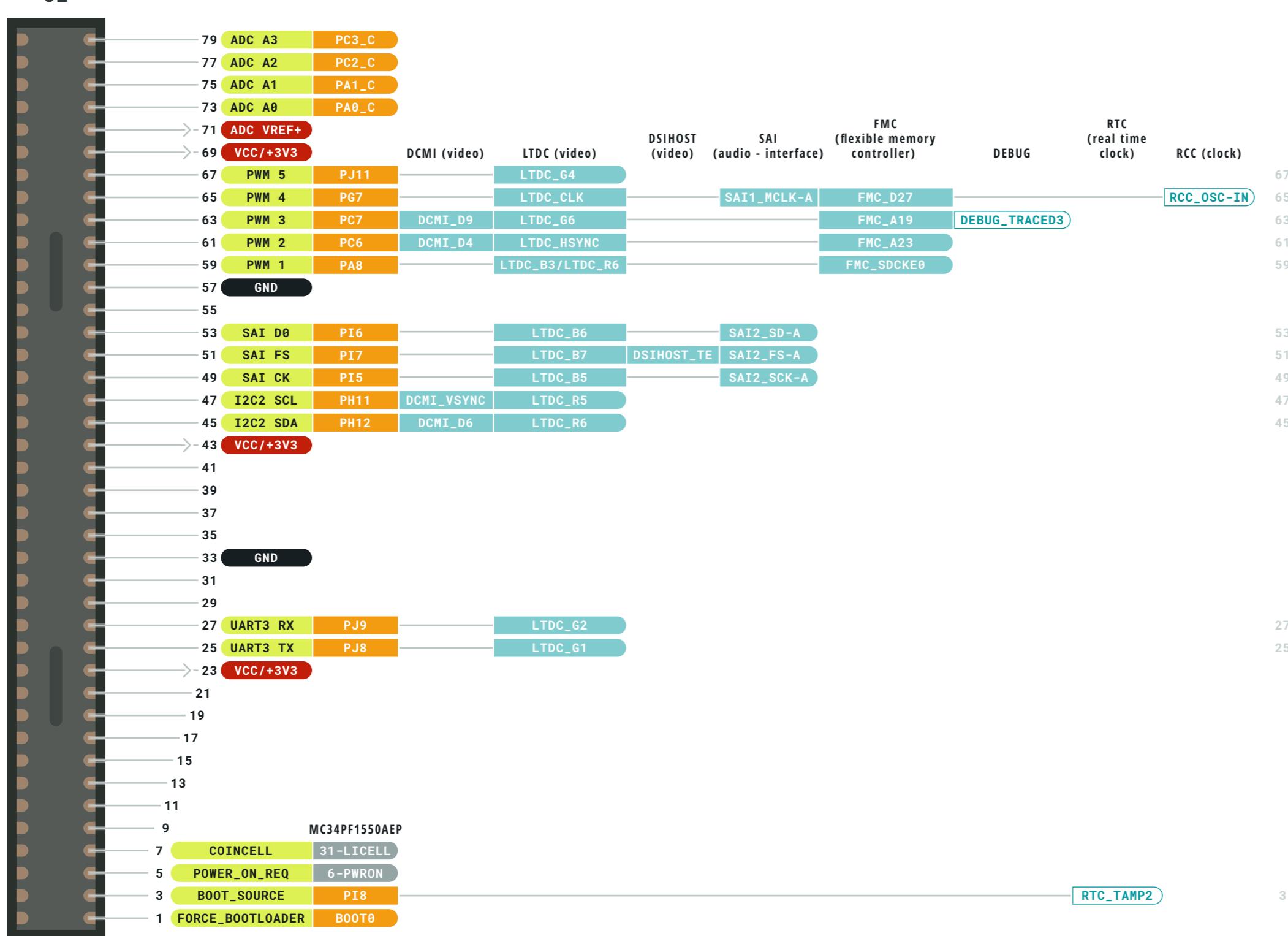
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J2 Odd - Extra/Debug



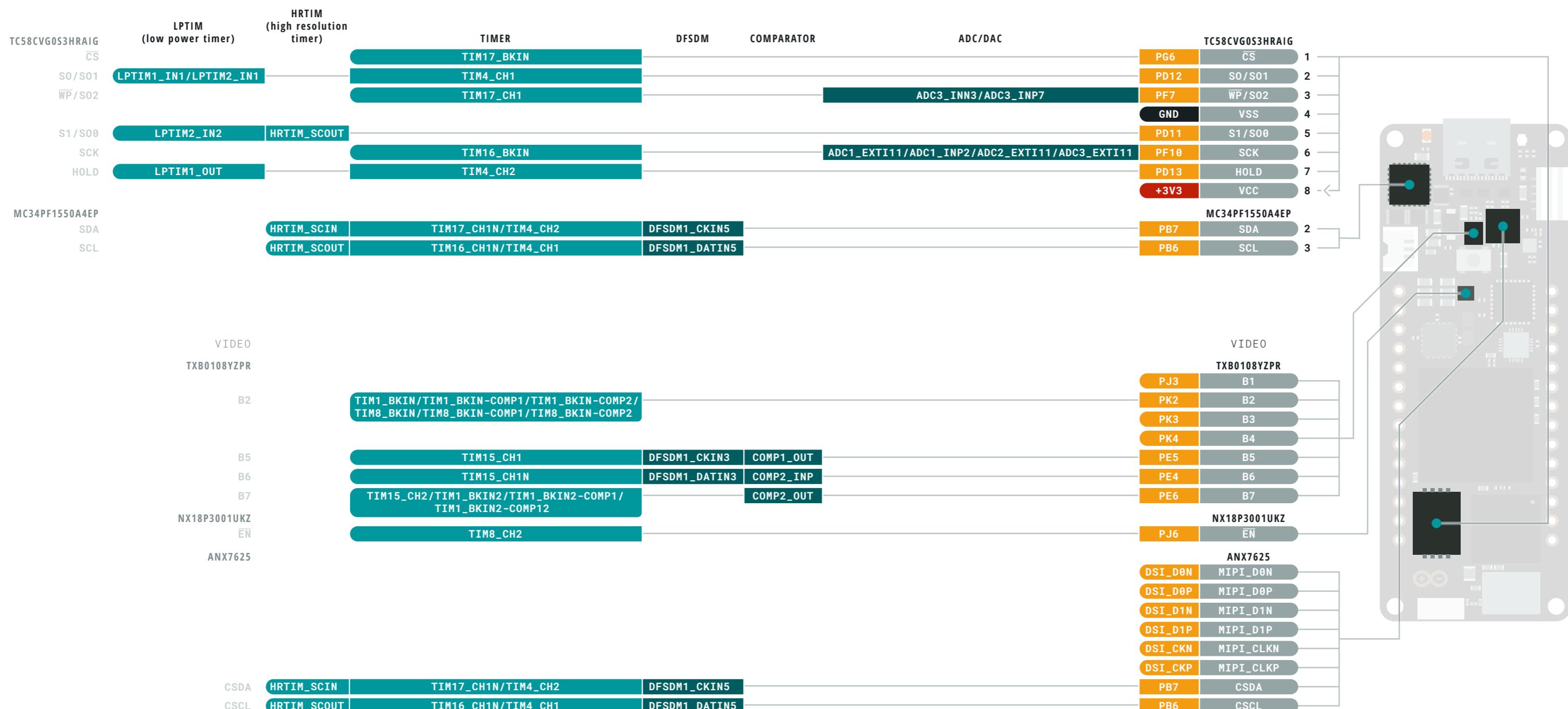
- Ground
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- LED
- Internal Pin
- SWD Pin

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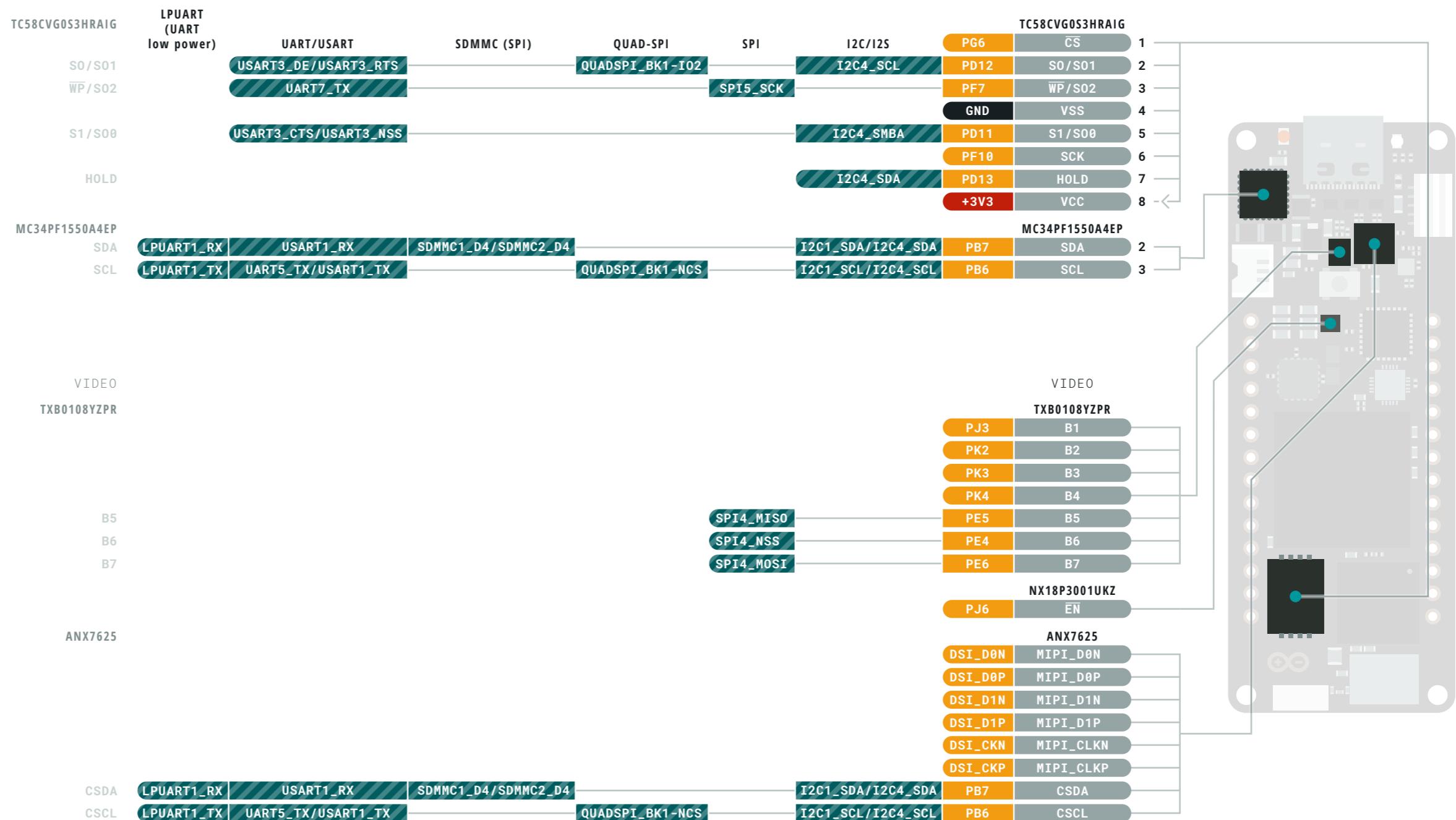


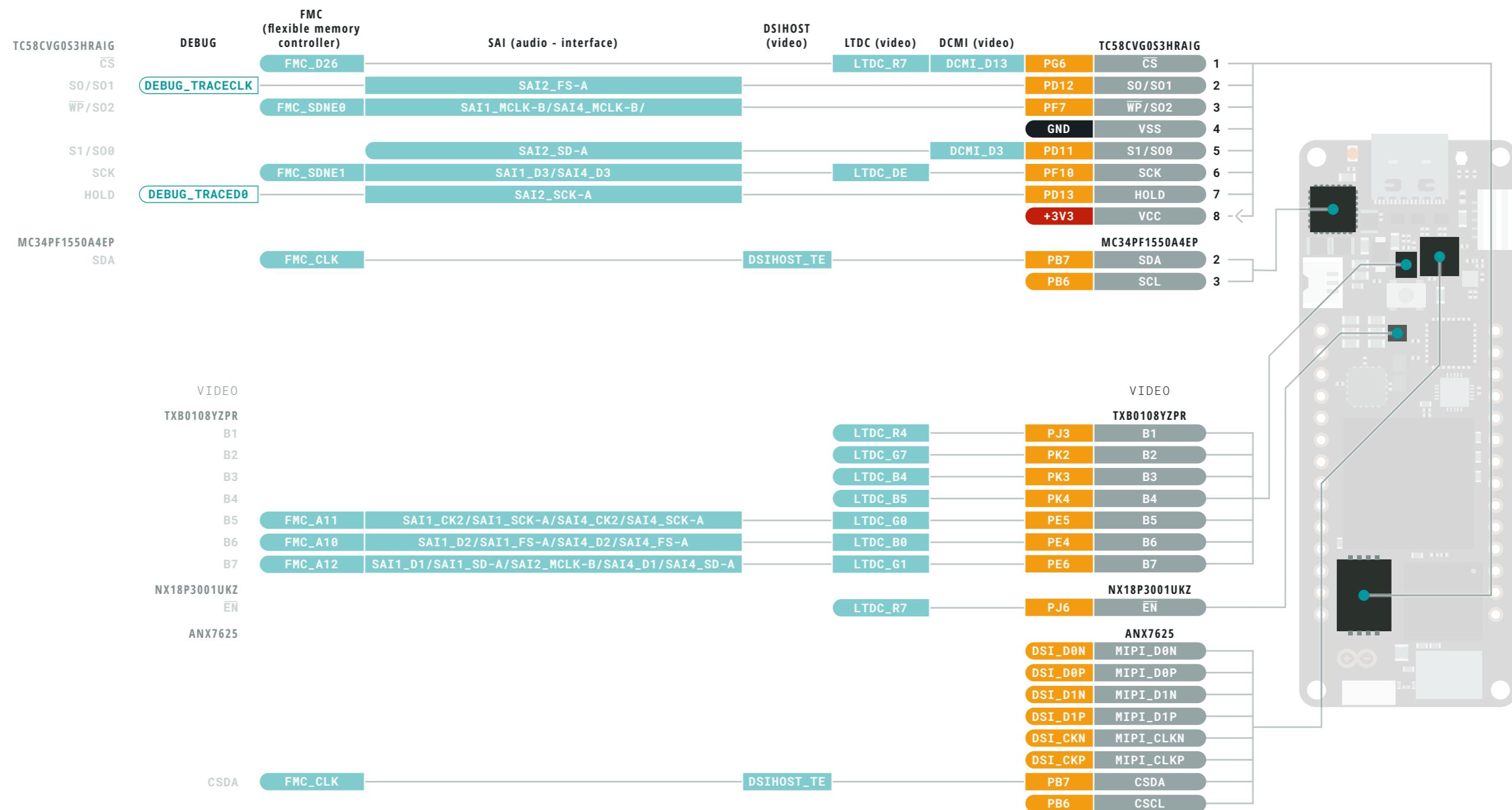
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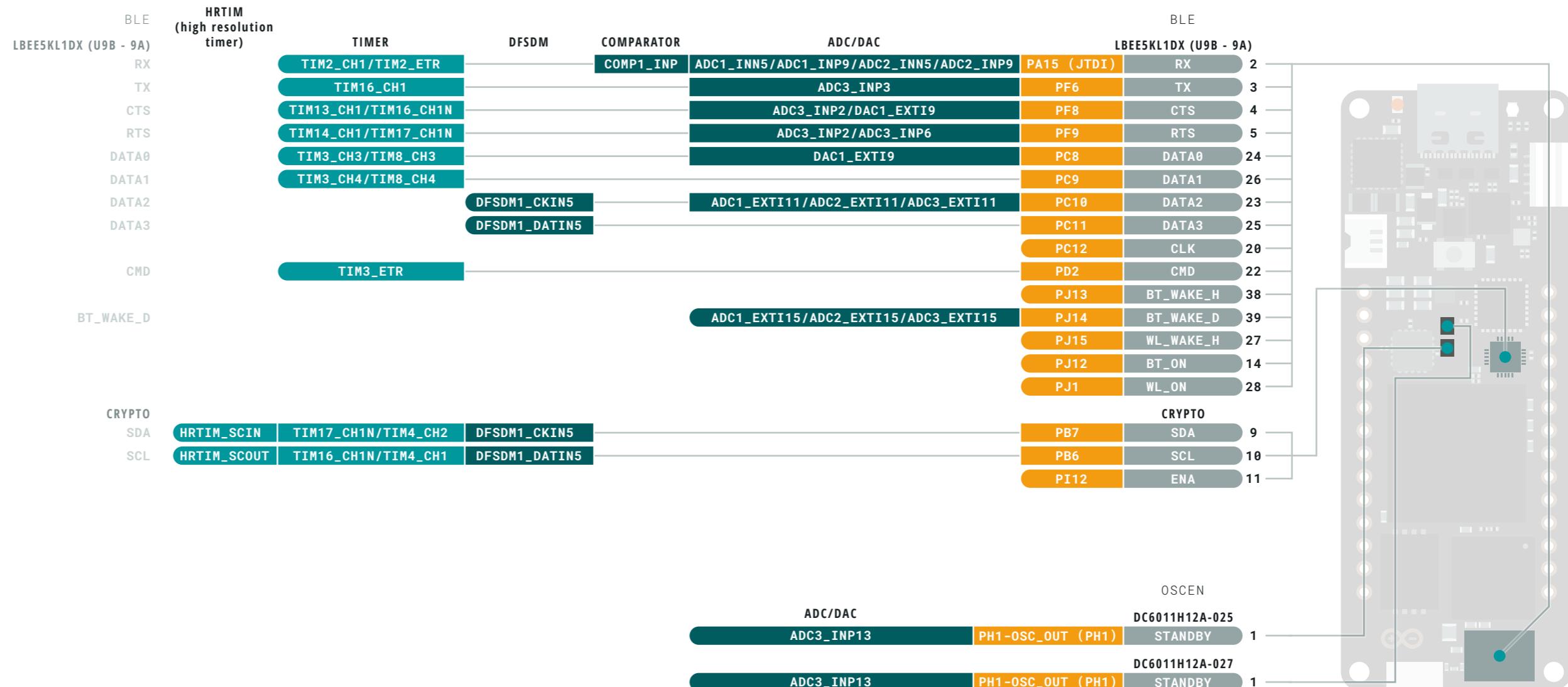
- Ground
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- LED
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- SWD Pin
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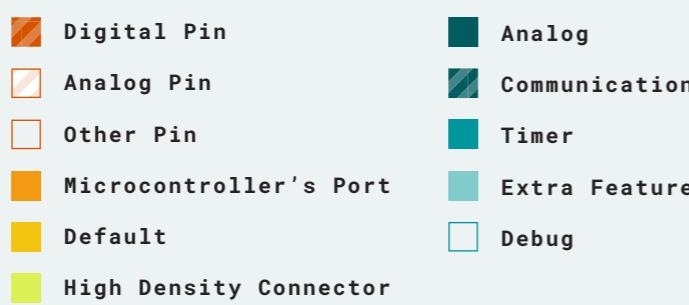
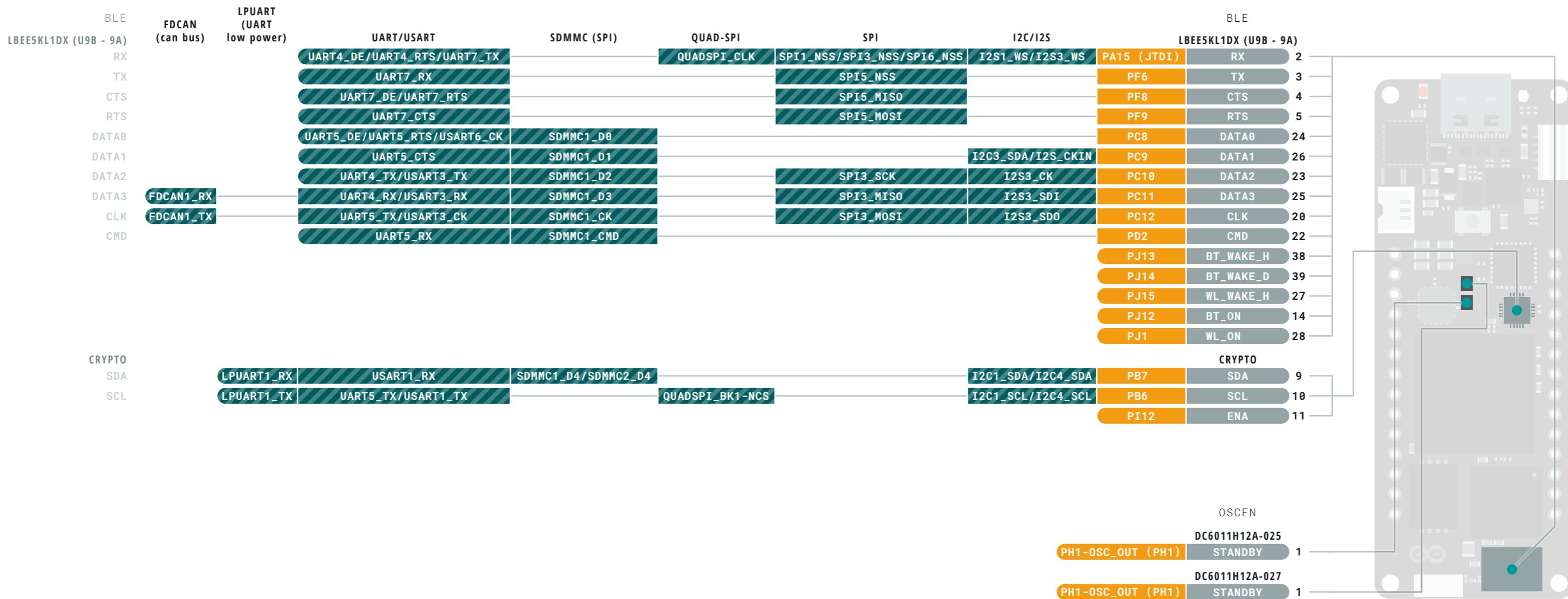


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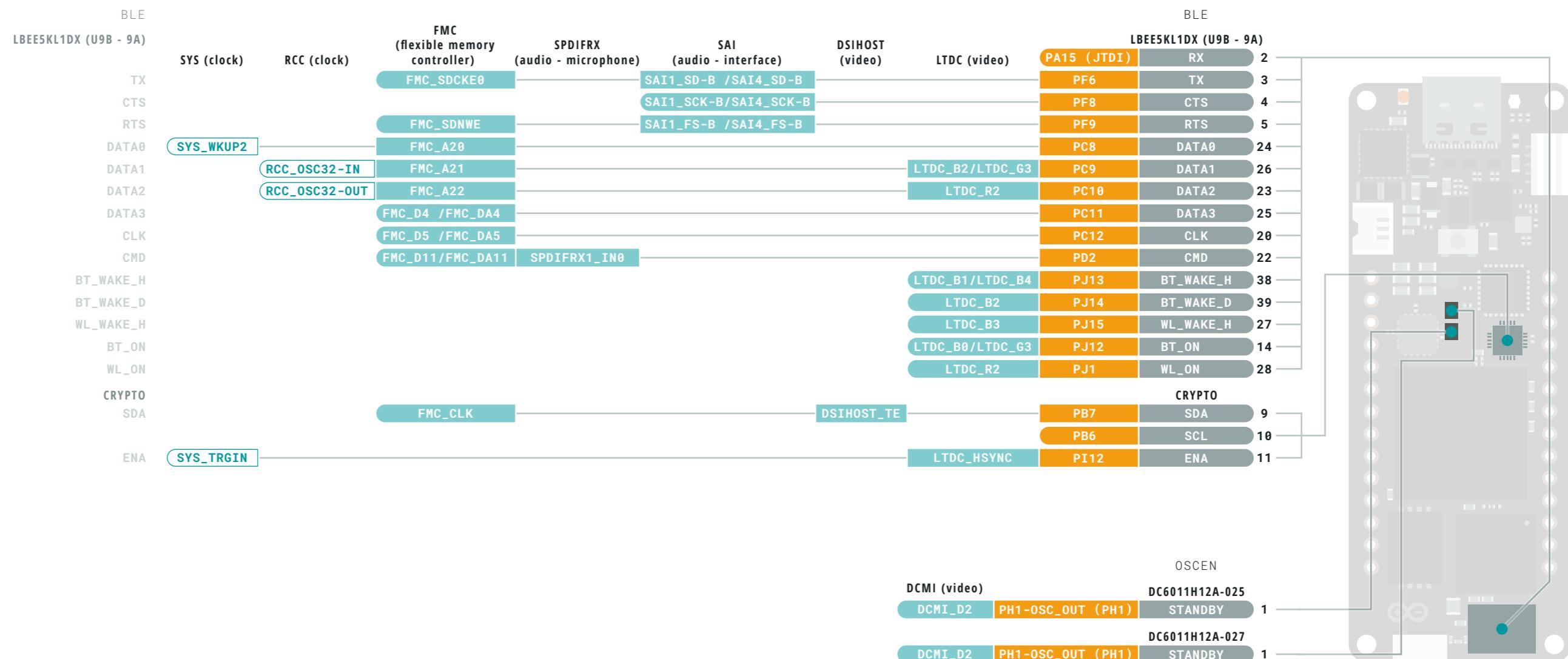


- DIGITAL PIN:** Total output current sunk by sum of all I/Os and control pins is 140 mA.
- ANALOG PIN:** Total output current sourced by sum of all I/Os and control pins is 140 mA.
- OTHER PIN:** Output current sunk by any I/O and control pin is 20 mA.

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

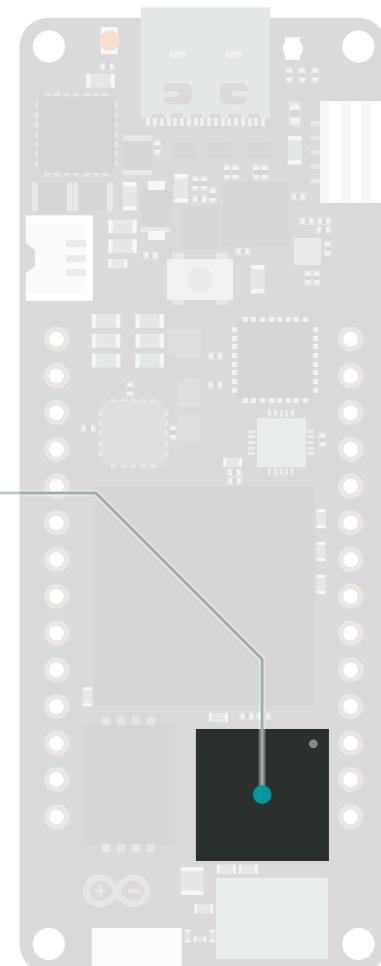
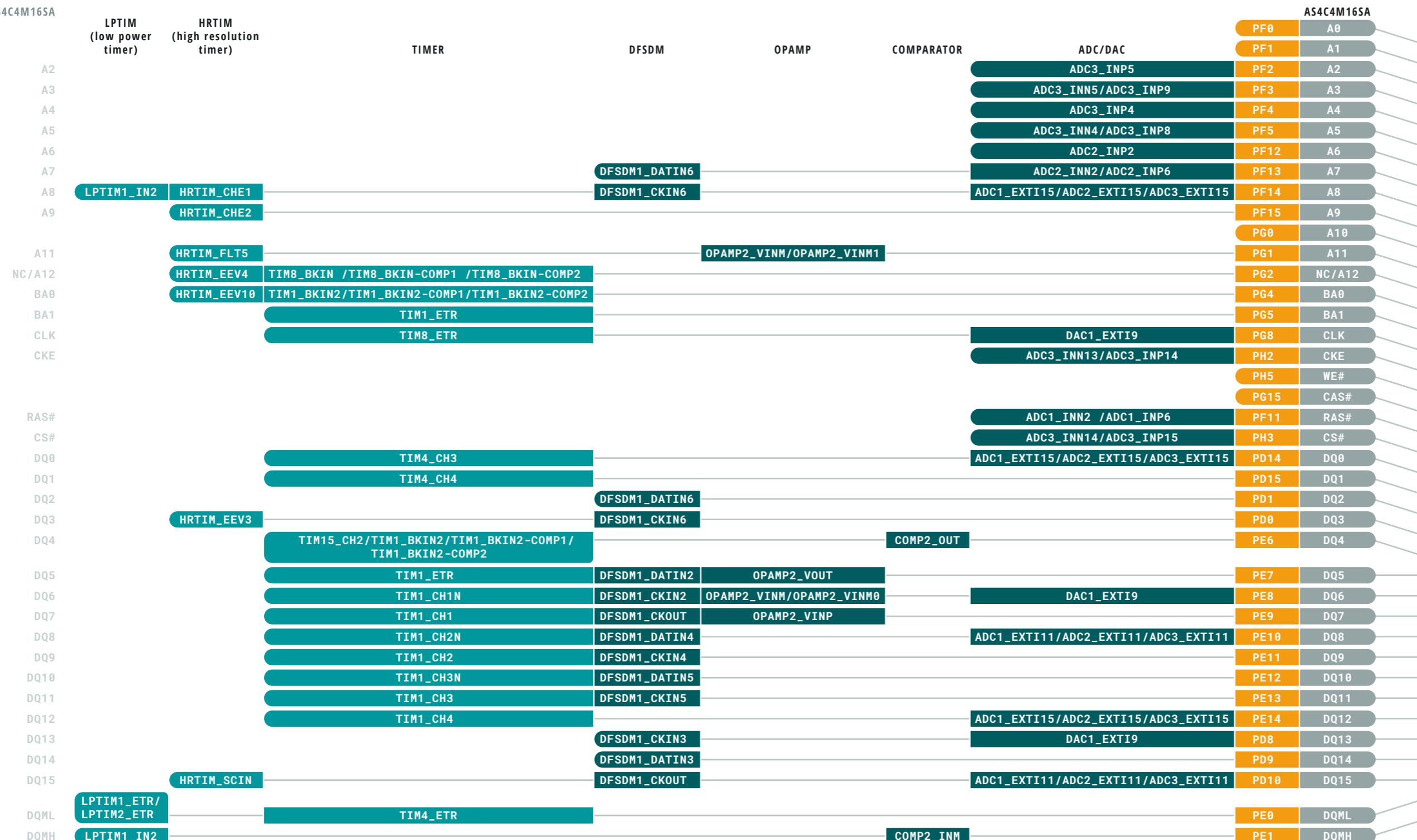
- Digital Pin
- Analog
- Analog Pin
- Communication
- Other Pin
- Timer
- Microcontroller's Port
- Extra Features
- Default
- Debug
- High Density Connector

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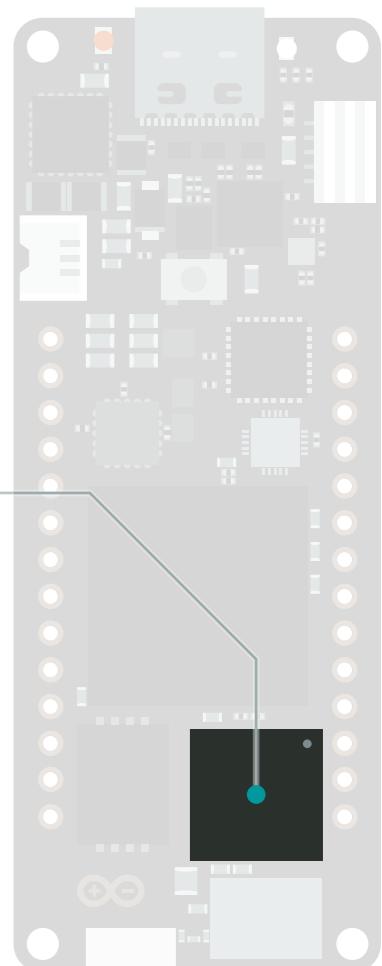
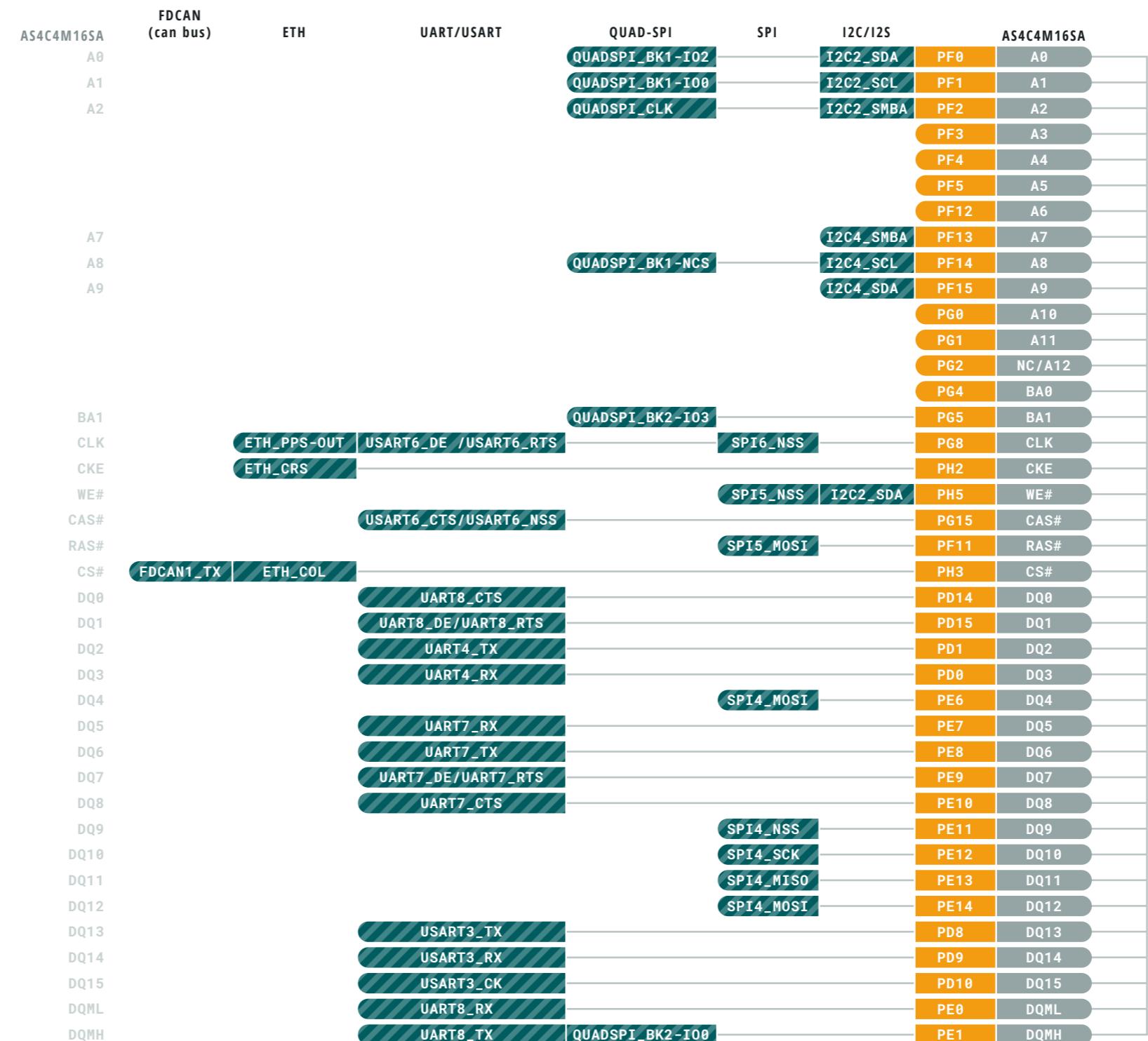
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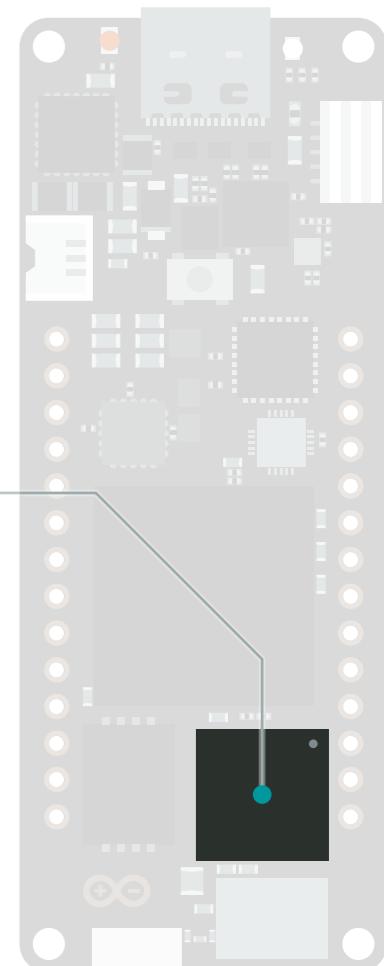
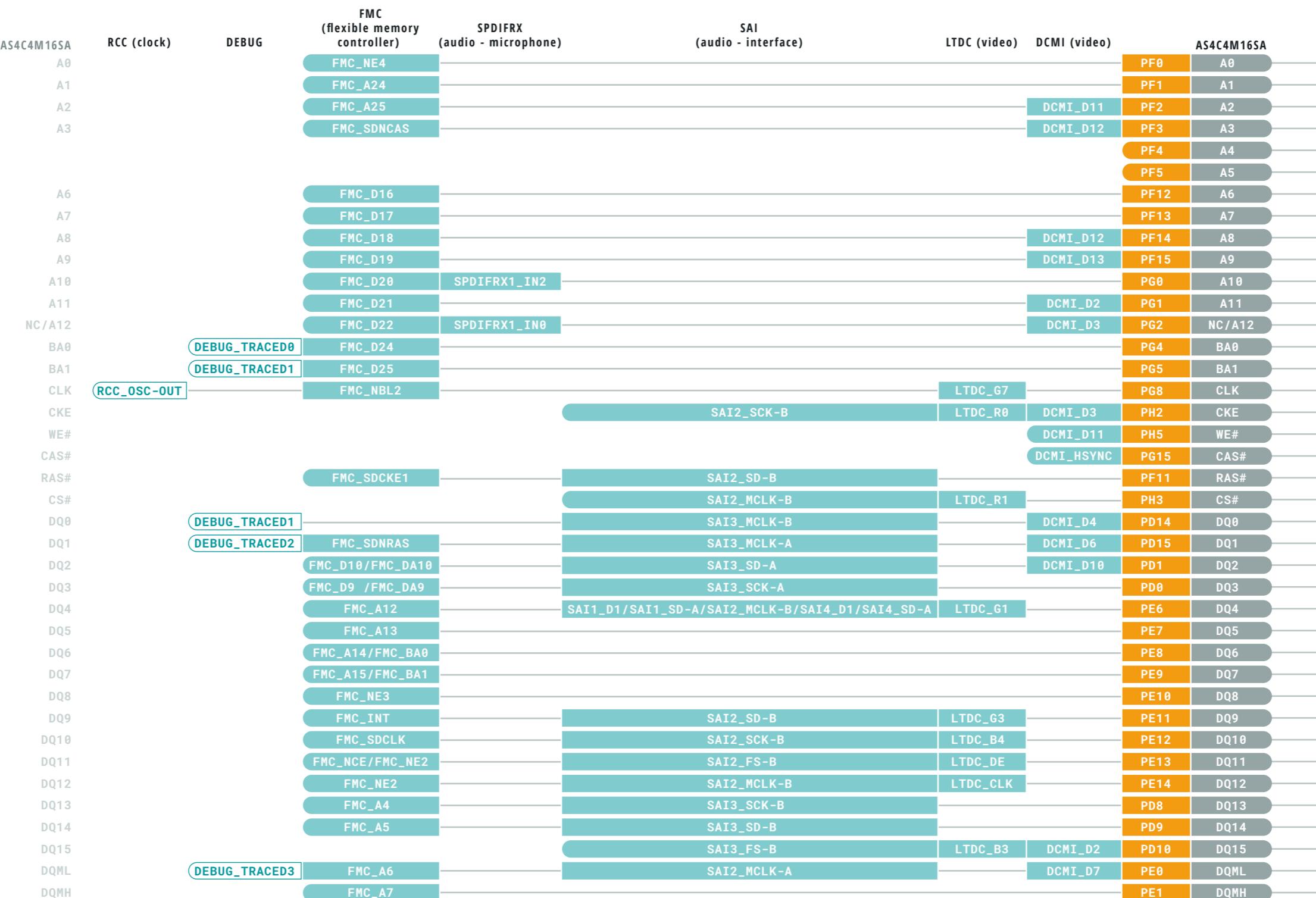
- █ Ground
- █ Power
- █ LED
- █ Internal Pin
- █ SWD Pin

- █ Digital Pin
- Analog Pin
- █ Analog
- Other Pin
- █ Communication
- █ Microcontroller's Port
- █ Default
- █ Timer
- █ Extra Features
- Debug
- █ High Density Connector

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

Last update: 23/03/2020


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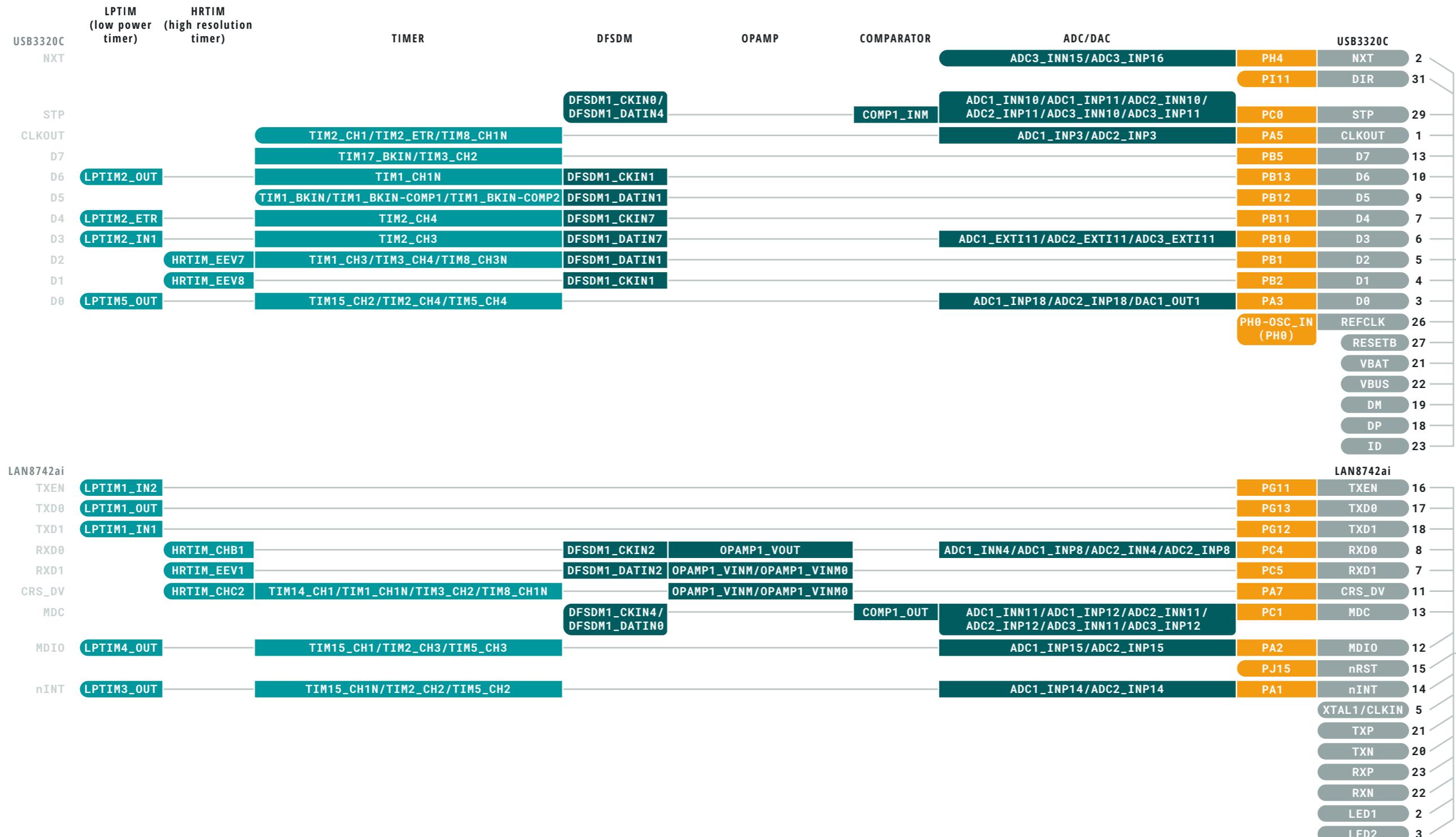


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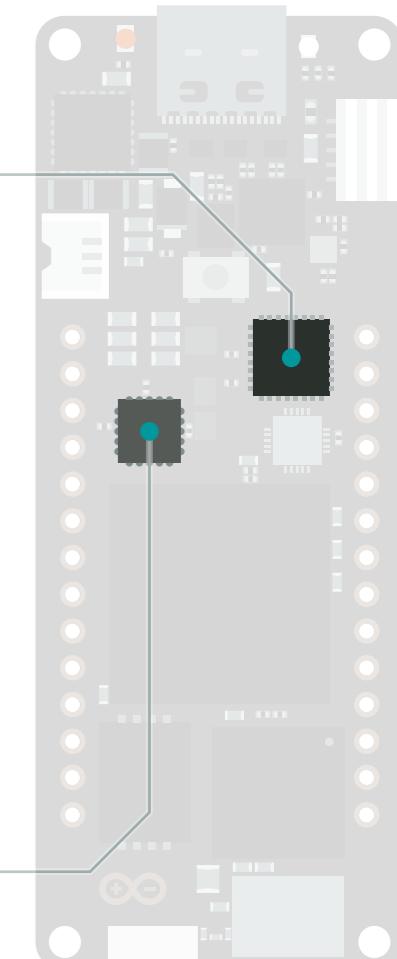
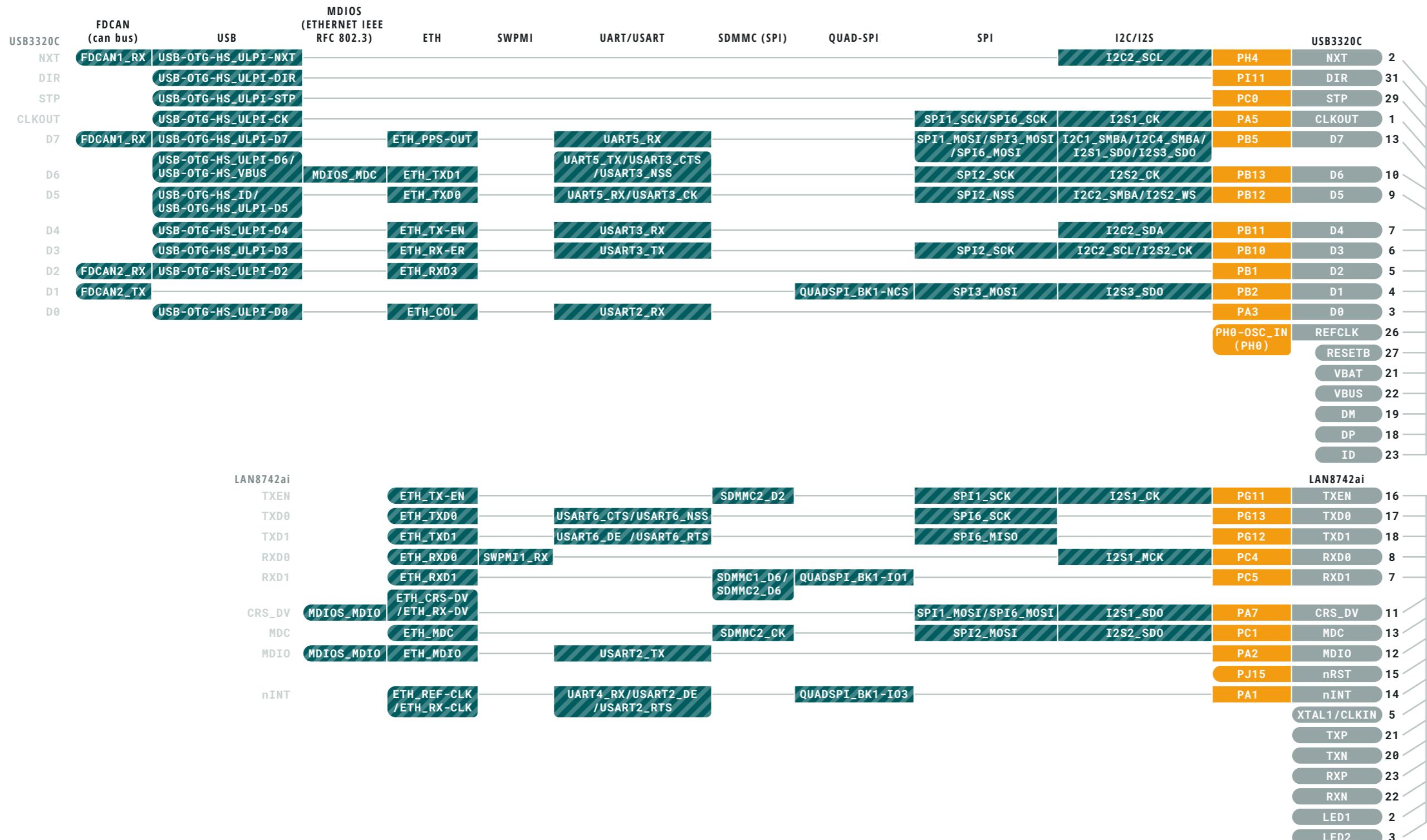
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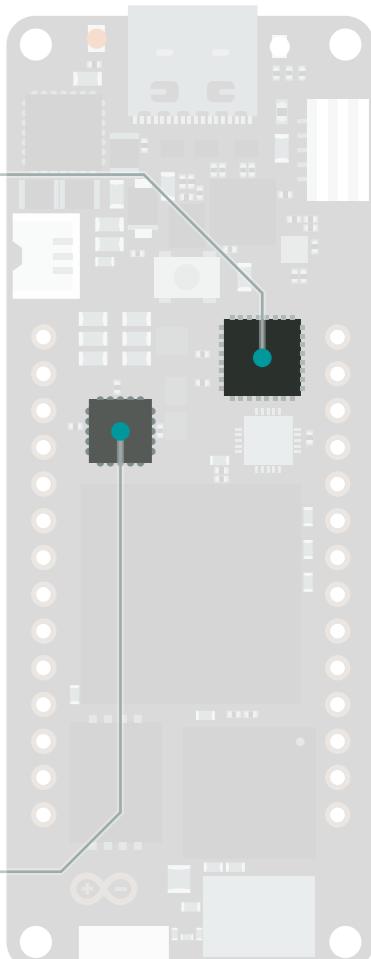
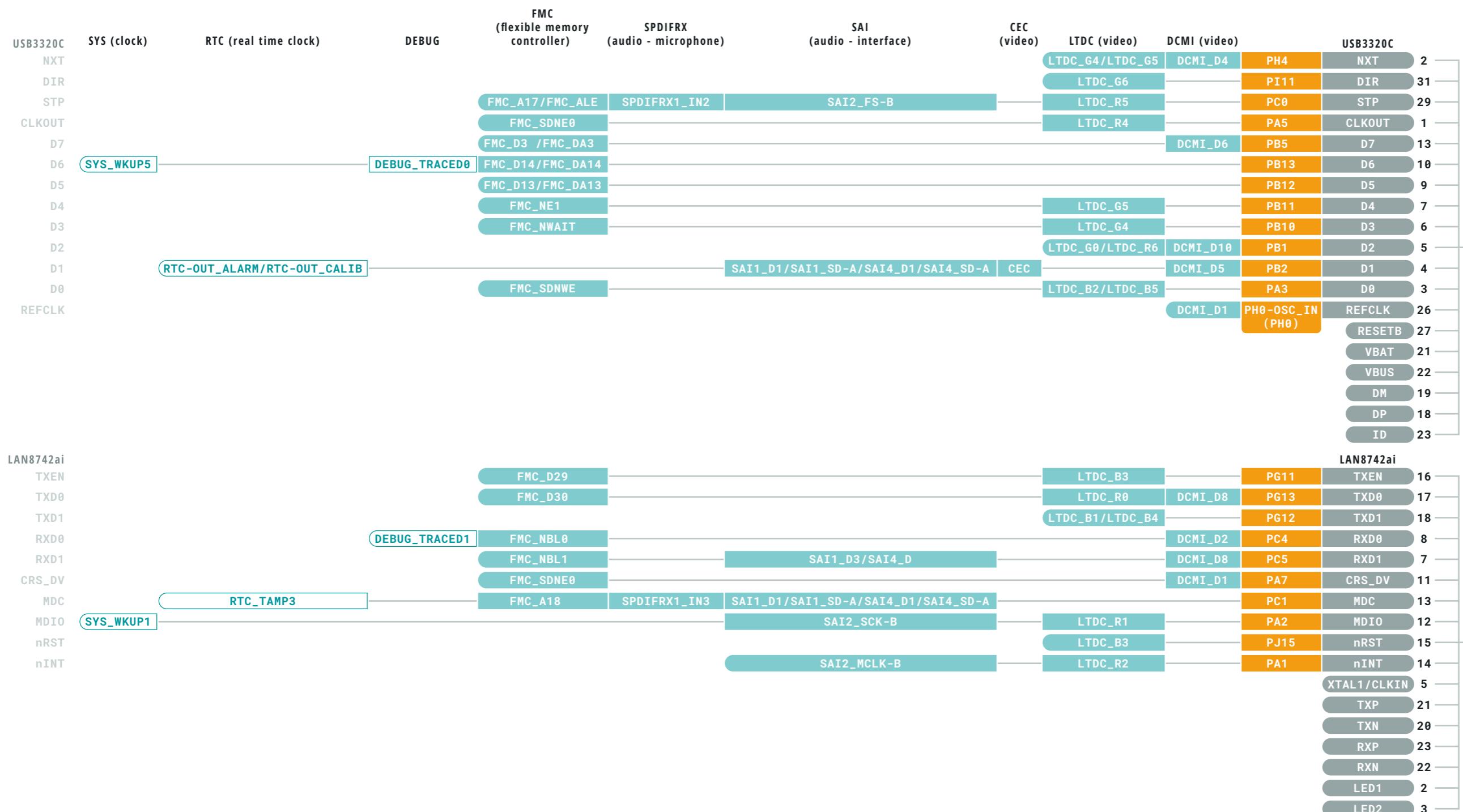
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- Ground
- Power
- LED
- Internal
- SWD Pin

- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller
- Default
- High Density

- Analog
- Communication
- Timer
- Extra Feature
- Debug

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