

Board Explorer

V1.4

4th May: Outline of proposed UX for the board explorer including; search, filters, layout and other features. - HB

5th May: Added second view of the board (p.6), filter mode example started (p.12) further defined zoom behaviour (p.16) - HB

31st May: Tutorial tab outline other board views.

Board Explorer

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Search & Filter panel

[Board Name + title] Microcontroller Developer Kit

SEARCH

All Components

Categories

Get to know the board

FILTER BY KEY WORD

ADC

AIO

ARDUINO

BATTERY

ADC

AIO

ARDUINO

BATTERY

ADC

AIO

ARDUINO

BATTERY

ADC

AIO

ARDUINO

BATTERY

ADC

AIO

ARDUINO

BATTERY

FILTER BY COMPONENT

ADC

AIO

ARDUINO

BATTERY

ADC

AIO

ARDUINO

BATTERY

ADC

AIO

ARDUINO

BATTERY

ADC

AIO

ARDUINO

BATTERY

ADC

AIO

ARDUINO

BATTERY

[Board Name + title] Microcontroller Developer Kit

The [Board Name] + Tagline (short detail description of the board).

[Board Name] features:

• Microcontroller

• 32KB flash memory (internal)

• 8KB OTP flash (internal)

• 4KB data flash (internal)

• 8KB SRAM (internal)

• 1x I 2 C (Master/Slave)

• 1x SPI master supports up to 4 devices

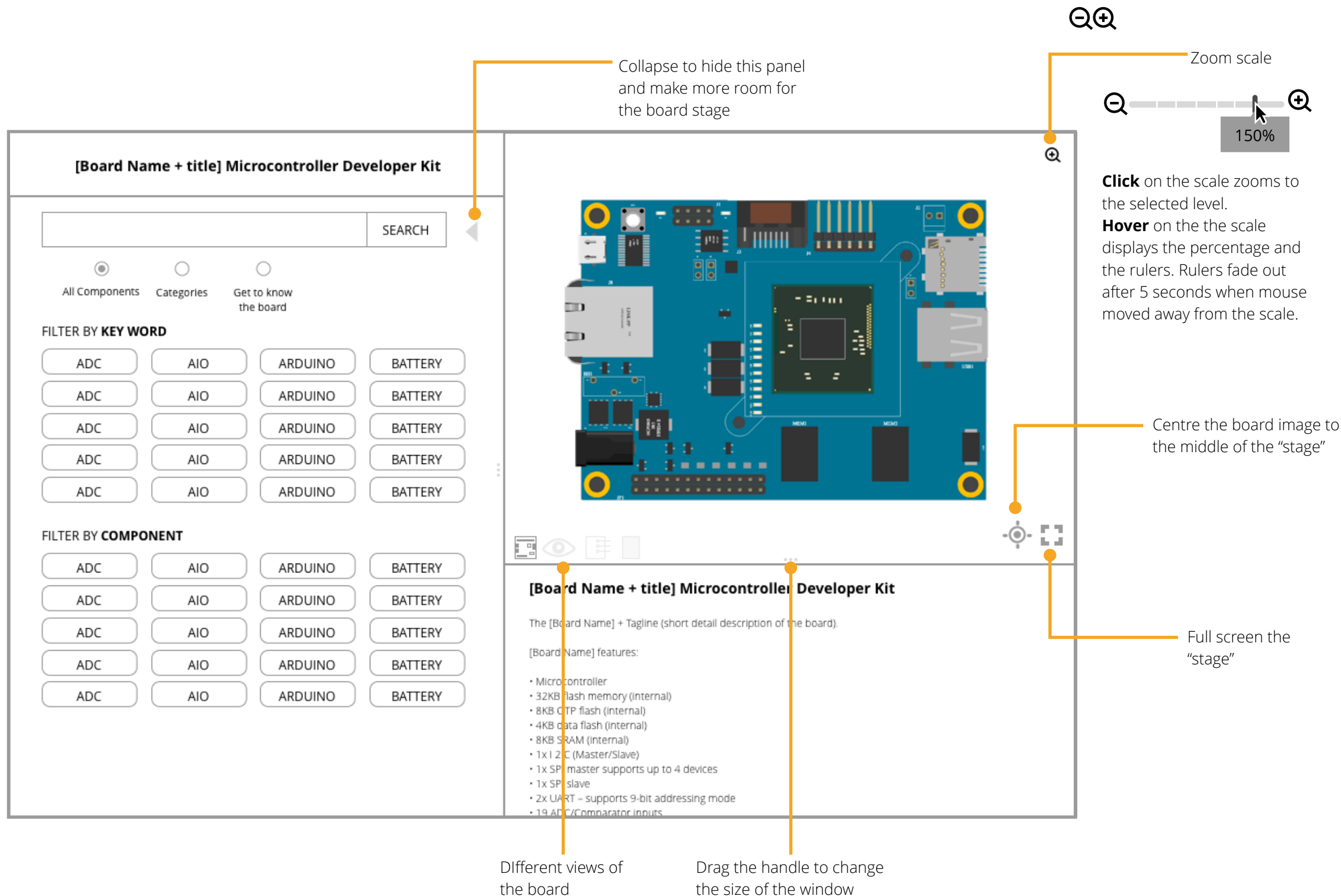
• 1x SPI slave

• 2x UART – supports 9-bit addressing mode

• 19 ADC/Comparator inputs

Board stage area

Details area



[Board Name + title] Microcontroller Developer Kit

SEARCH

All Components

Categories

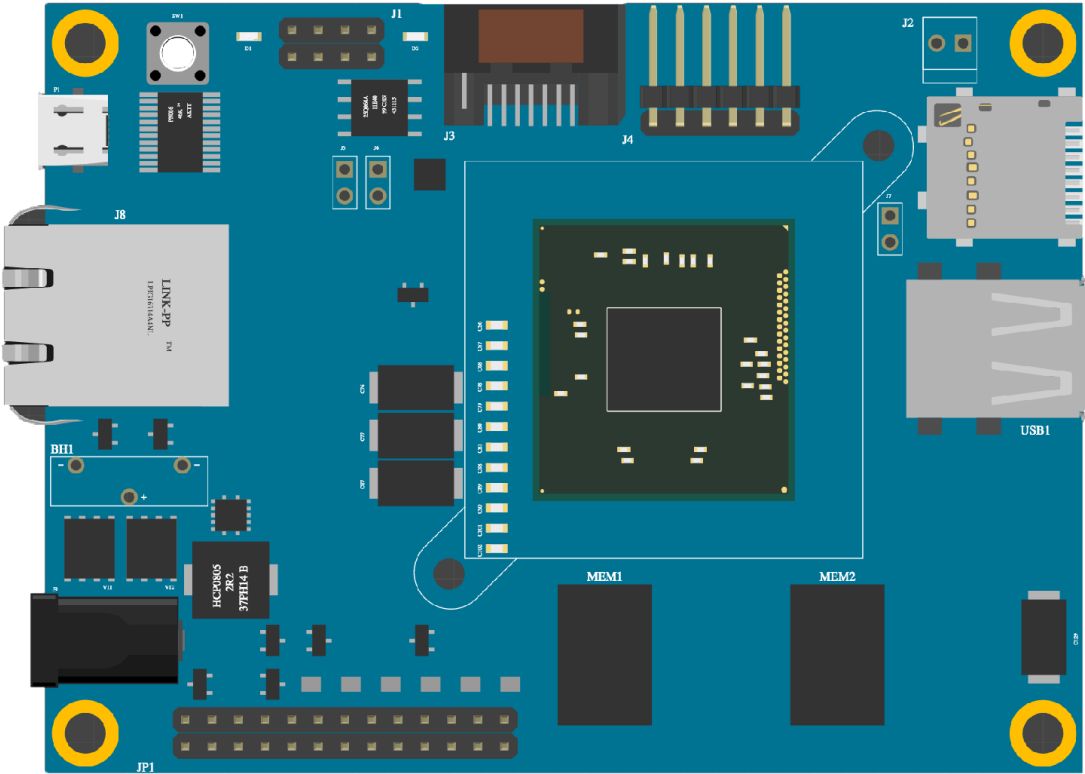
Get to know
the board

FILTER BY KEY WORD

ADC	AIO	ARDUINO	BATTERY
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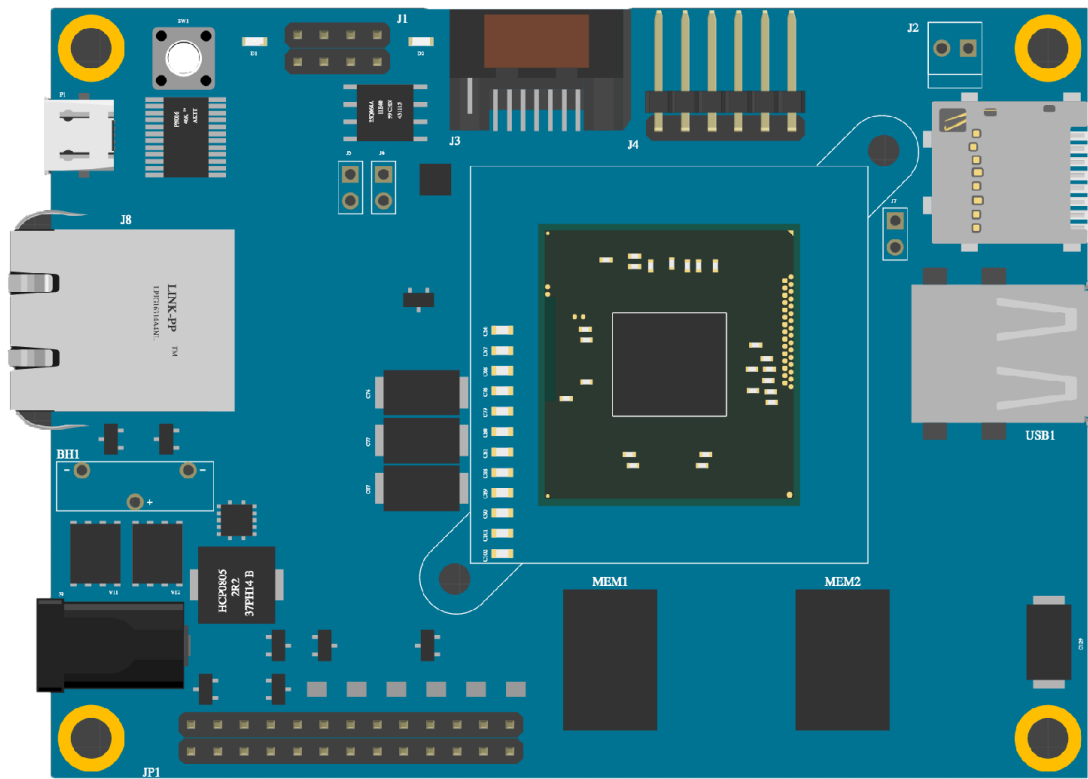
[Board Name + title] Microcontroller Developer Kit

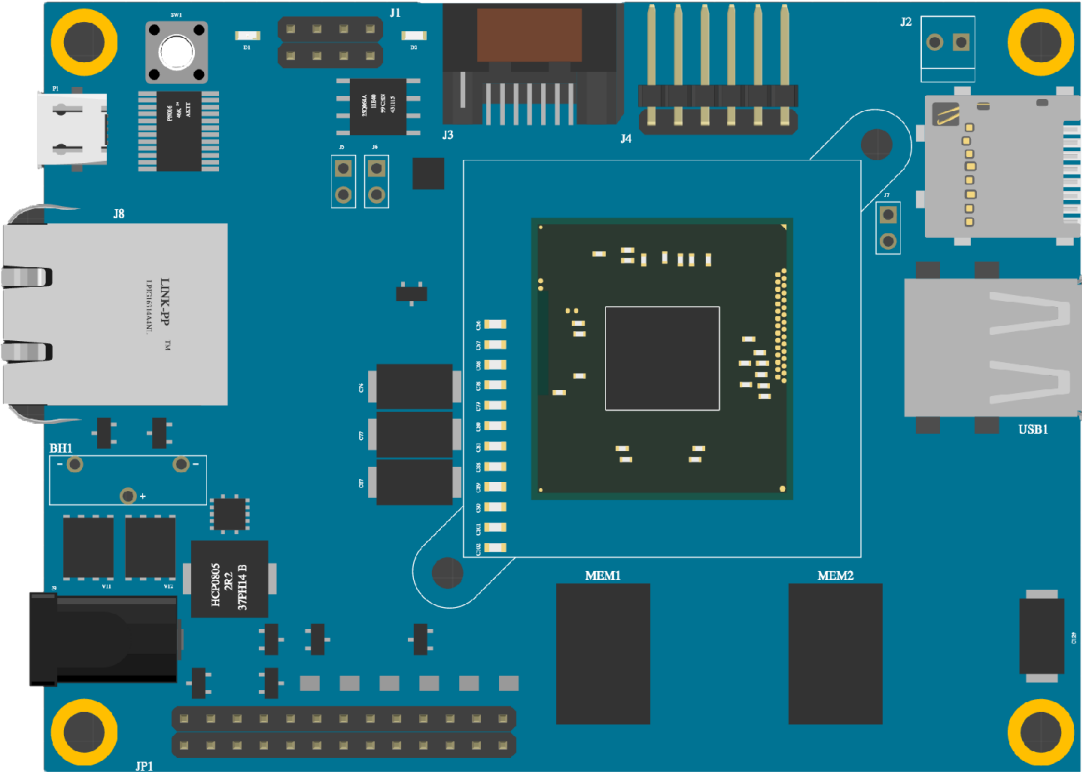
The Intel® Quark™ Microcontroller D2000 Development Board is a versatile platform targeted towards Internet of Things developers.

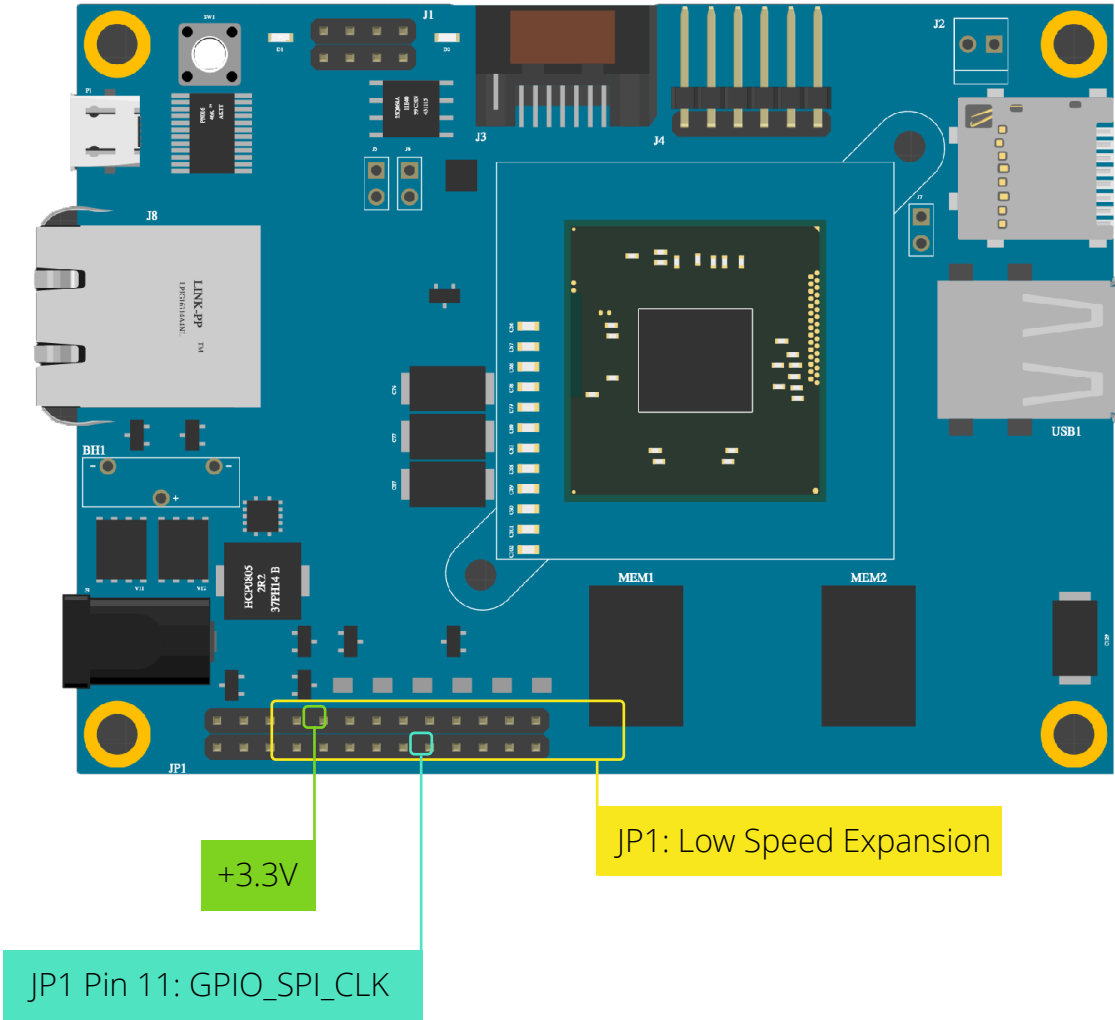
Intel® Quark™ microcontroller D2000 features:

- Intel® Quark™ microcontroller D2000 SoC 32MHz
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- 8KB OTP flash (internal)
- 4KB data flash (internal)
- 8KB SRAM (internal)
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- 1x SPI slave
- 2x UART – supports 9-bit addressing mode

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SEARCH

All Components

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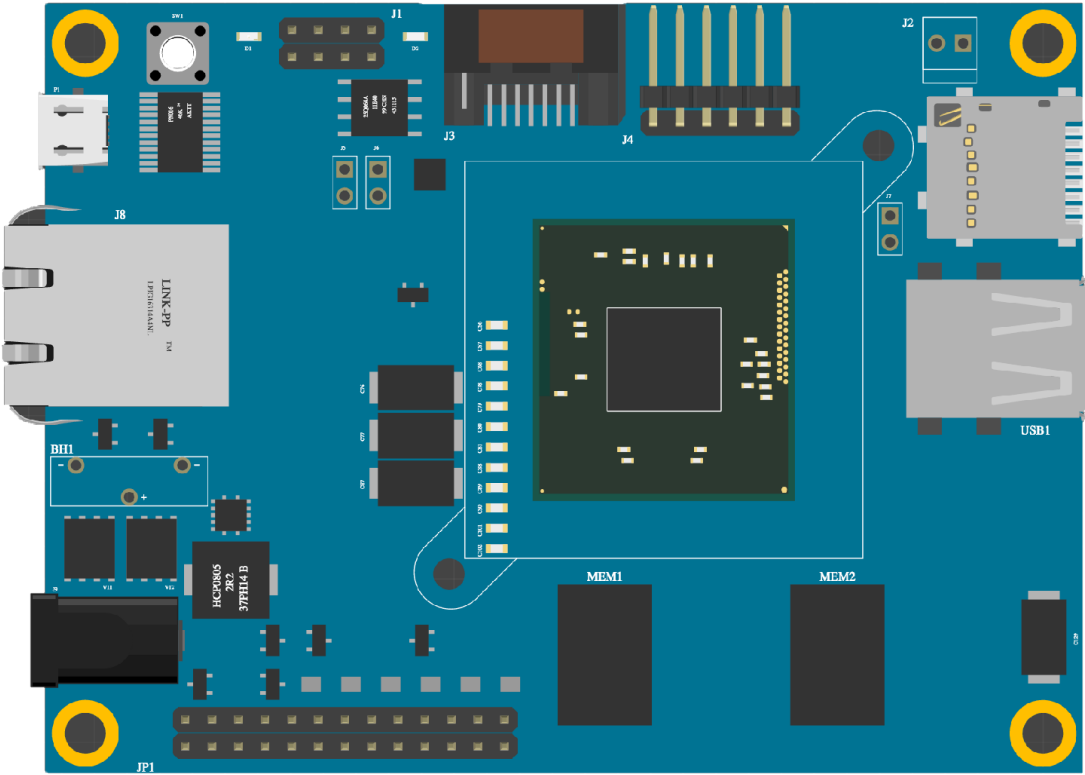
Get to know
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[Board Name + title] Microcontroller Developer Kit

SEARCH

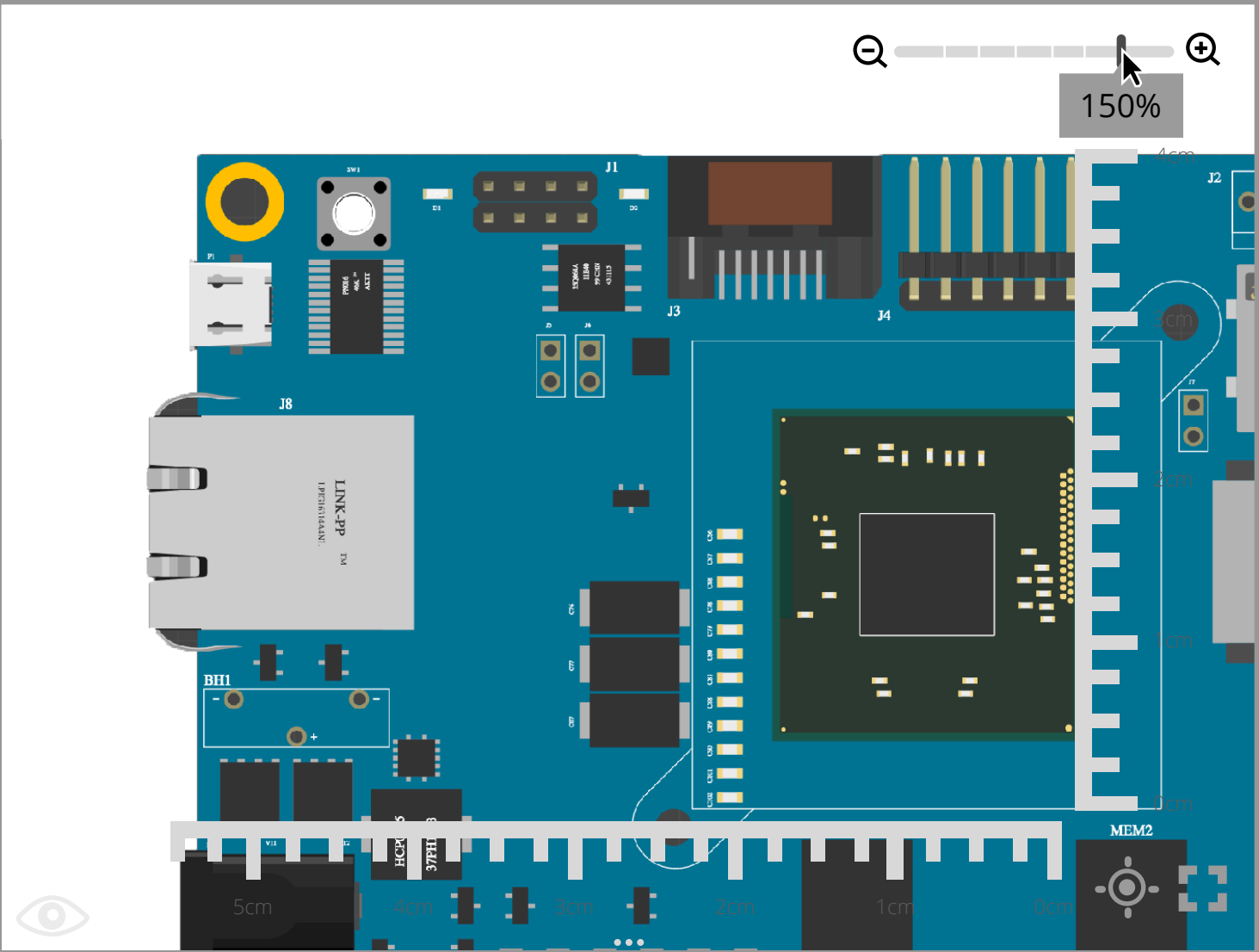
- All Components
- Categories
- Get to know
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[Board Name + title] Microcontroller Developer Kit

I

SEARCH

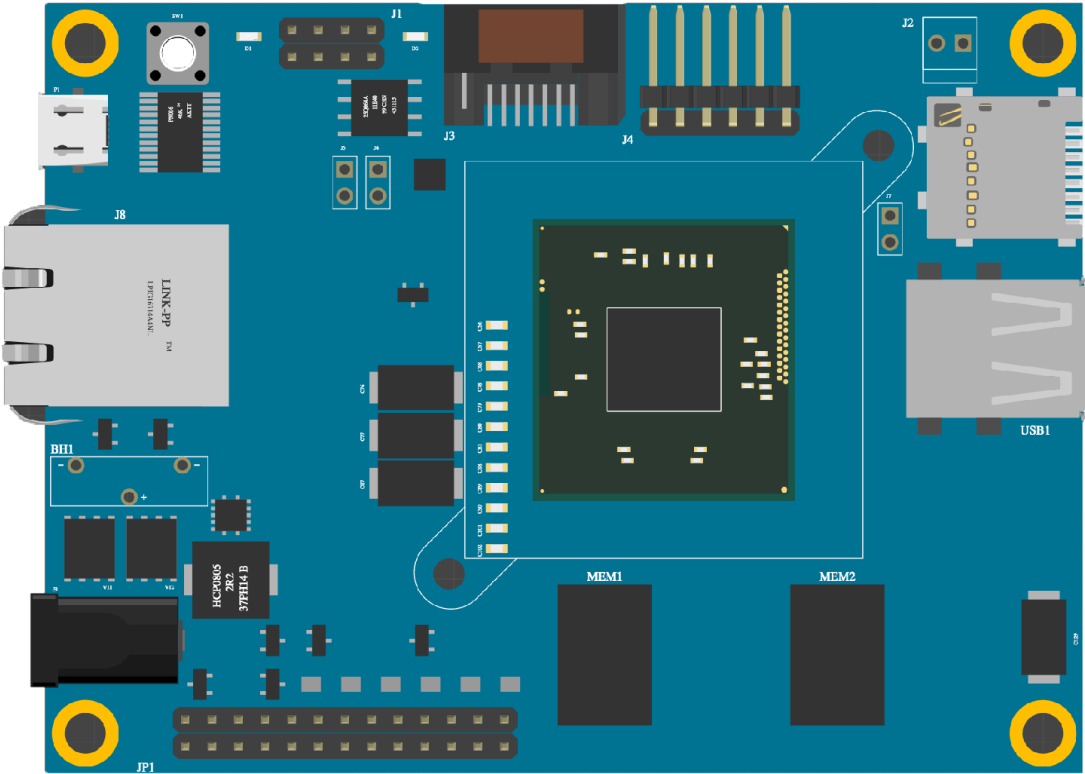
- All Components
- Categories
- Get to know the board

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[Board Name + title] Microcontroller Developer Kit

ARDUINO

SEARCH

Components:

ARDUINO

Documentation:

Name of documentation

Name of documentation

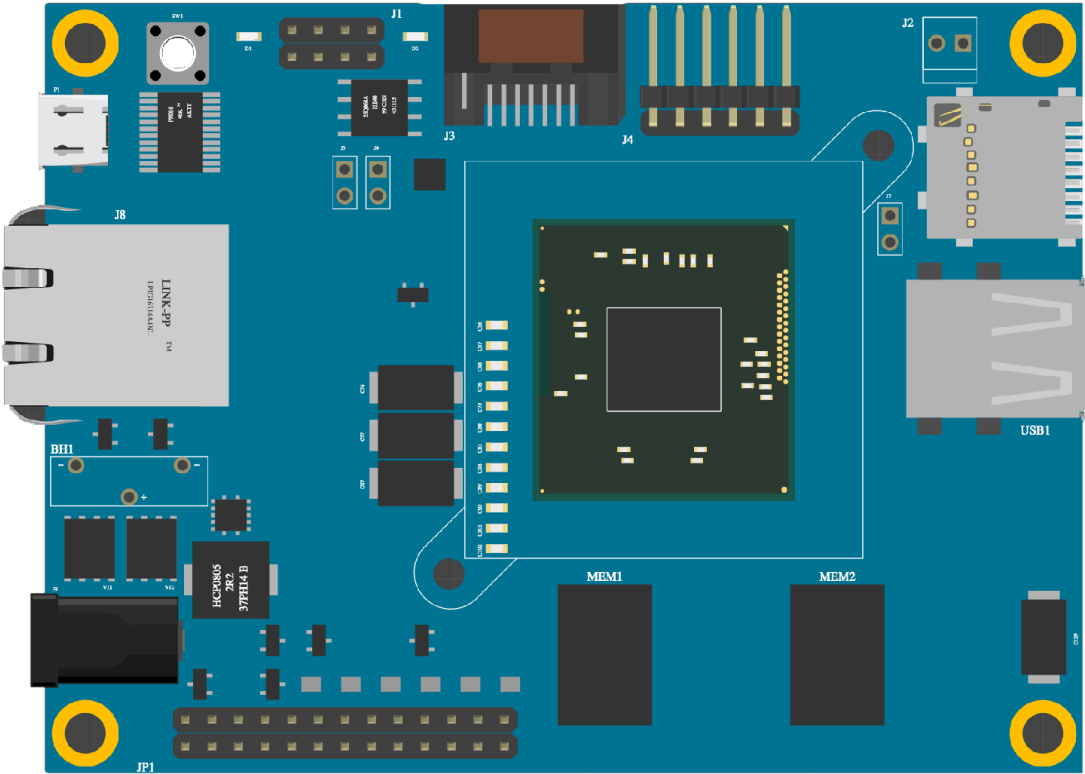
Other:

Tutorial

ADC	AIO	ARDUINO	BATTERY
ADC	AIO	ARDUINO	BATTERY

FILTER BY COMPONENT

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SEARCH

All ComponentsCategoriesGet to know the board

FILTER BY KEY WORD

ADC

AIO

ARDUINO

BATTERY

ADC

AIO

ARDUINO

BATTERY

ADC

AIO

ARDUINO

BATTERY

ADC

AIO

ARDUINO

BATTERY

ADC

AIO

ARDUINO

BATTERY

FILTER BY COMPONENT

ADC

AIO

ARDUINO

BATTERY

ADC

AIO

ARDUINO

BATTERY

SHIELD INTERFACE

ARDUINO

BATTERY

ADC

AIO

SHIELD INTERFACE

ADC

SHIELD INTERFACE

BATTERY

SELECT A PIN

ADC

AIO

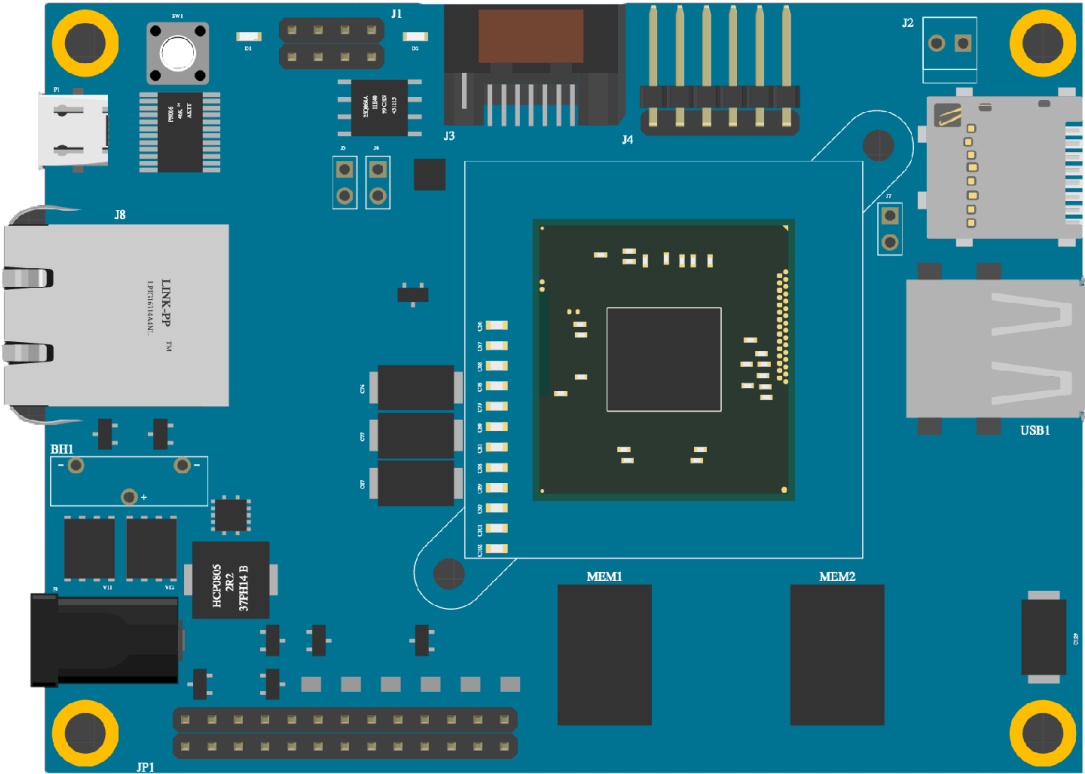
ARDUINO

BATTERY

SHIELD INTERFACE

ARDUINO

BATTERY



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SEARCH

All Components

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Get to know the board

Pins

PIN

PIN

PIN

PIN

PIN

PIN

PIN

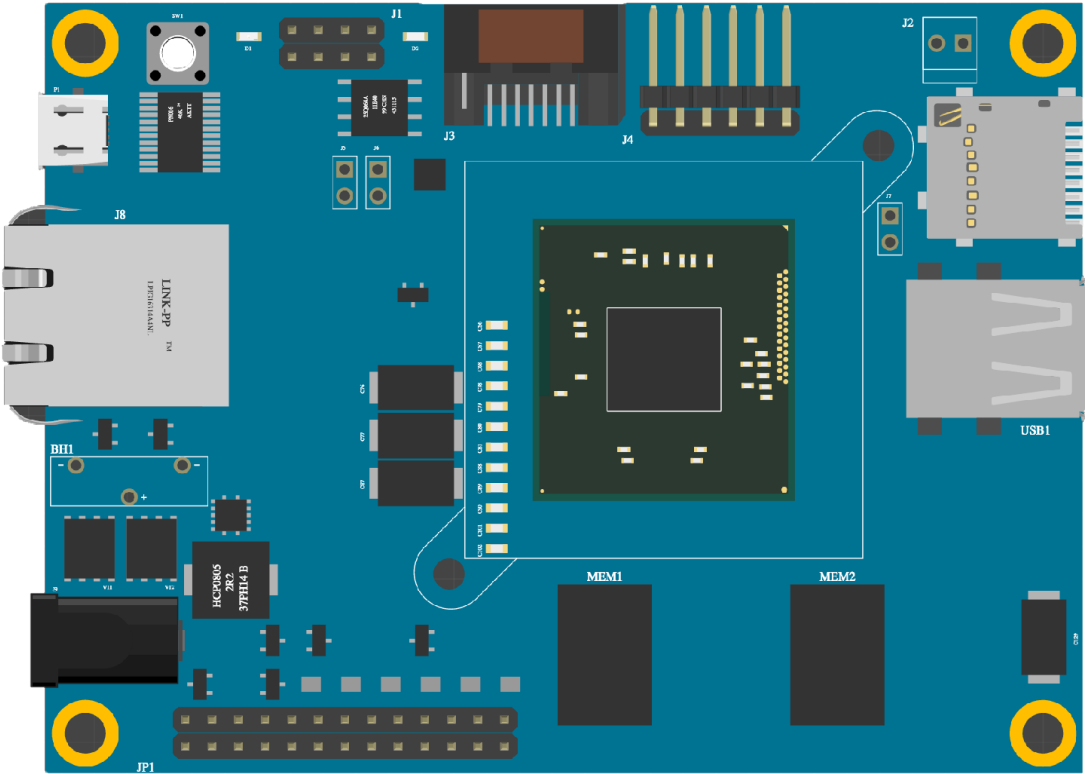
PIN

PIN

PIN

PIN

PIN



Details/Documentation (about pins)

Curabitur quis cursus diam, ut aliquet augue. Suspendisse blandit orci quam, nec hendrerit nunc pulvinar quis. Sed consectetur quam at augue interdum pretium. Nam et pulvinar sapien, in egestas mauris.

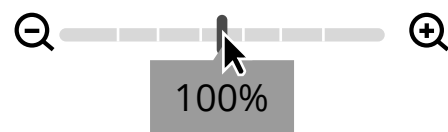
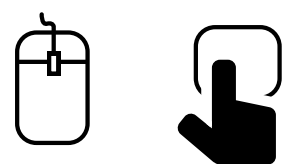
- Bullet points
- Bullet points
- Bullet points
- Bullet points

Duis ullamcorper congue orci, sed maximus est vulputate in.

Fusce ac odio tincidunt, tempus leo non, consequat orci. Aenean nec tellus euismod, iaculis sapien sed, imperdiet urna. Maecenas vitae sapien at metus vestibulum tincidunt quis sit amet arcu.

- Bullet points

Zoom behaviour



Hardware

1. Zoom can be done with the mouse or trackpad

UI



2. Zoom starts as a single icon

3. On hover the icon expands to include the scale

4. On hover over the scale the percentage and the rulers on the stage are visible

5. When mouse moves away the scale and rulers go away after 5 seconds (to be tested to see the right amount of time)

Board views/states

-  1. If there are two states: default state
-  2. Second state as shown on p.7

3. Board views



Other possible views:
- Schematics?
- Other?