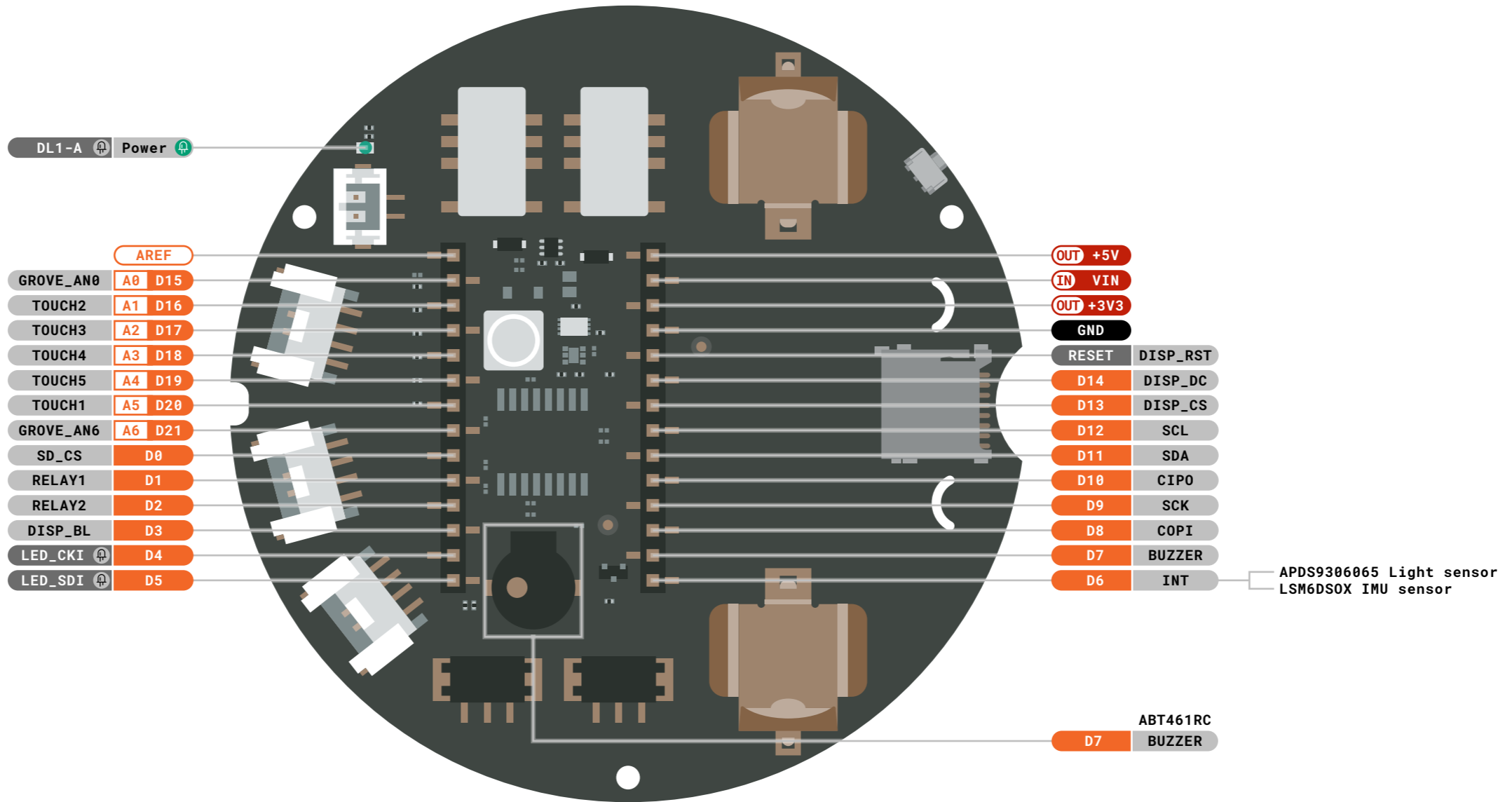


TOP VIEW



Legend:

- Power
- GPIO Digital External
- LED
- Power Input
- Analog External
- RGB LED
- Power Output
- Main Part
- Secondary Part
- Internal Component
- Other
- Ground
- Other Pins (Reset, System Control, Debugging)

POWER LIMITS
Depend on the board used

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



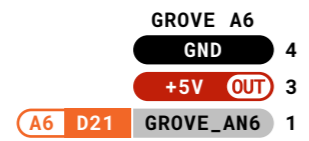
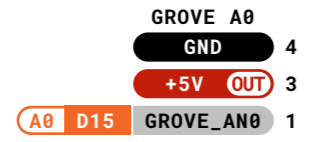
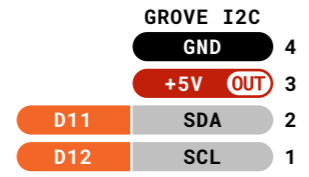
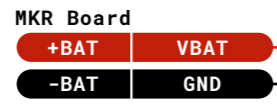
SKU code: ABX00073
Full Pinout - Page 1 of 5
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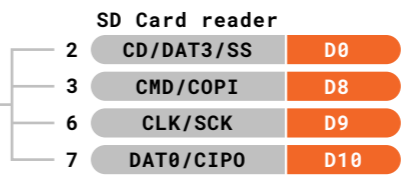
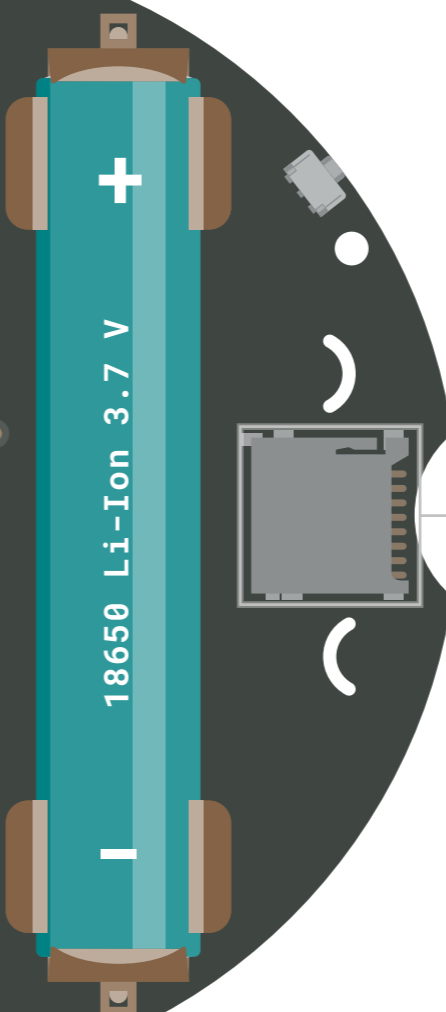
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TOP VIEW

To supply with battery, plug the battery connector over the MKR board to the battery connector over the MKR IoT Carrier



MAXIMUM voltage of 30V for each Relay Connector ⚠



Legend:

- Power
- IN Power Input
- OUT Power Output
- Ground
- GPIO Digital External
- Analog External
- Main Part
- Secondary Part
- Internal Component
- Other Pins (Reset, System Control, Debugging)
- ⚠ LED
- ⚡ RGB LED
- Other

⚠ POWER LIMITS
Depend on the board used

i CIP0/COPI have previously been referred to as MISO/MOSI



SKU code: ABX00073
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Last update: 12 Jan, 2023

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WARNING!

Advanced Section

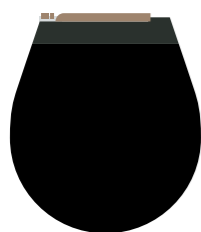
The following information is for advanced use only and may not be officially supported by Arduino software



BOTTOM VIEW



The connector SFV24R works with the round LCD screen. It is present in the Oplà IoT Kit (AKX00026) and MKR IoT Carrier (ABX00047) version.



KD013QVFMD002-01

LV52204MTTBG	SFV24R	
SW	LEDA	24
FB	LEDK	23
	COPI	13
	DISP_DC	15
	SCK	16
	DISP_CS	17
	RESET	DISP_RST 18
5-SWIRE	DISP_BL	D3

TOUCH3
Y3 A2 D17

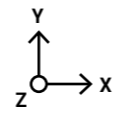
TOUCH2
Y2 A1 D16

TOUCH4
Y4 D18 A3

IMU 6-AXIS LSM6DSOX		
9	INT	D6
13	SCL	D12
14	SDA	D11

TOUCH1
Y1 A5 D20

TOUCH5
Y5 D19 A4



Legend:

- Power
- IN Power Input
- OUT Power Output
- Ground
- GPIO Digital External
- Analog External
- Main Part
- Secondary Part
- Internal Component
- Other Pins (Reset, System Control, Debugging)
- LED LED
- RGB LED RGB LED
- Other

⚠ POWER LIMITS
Depend on the board used

i CIP0/COPI have previously been referred to as MISO/MOSI

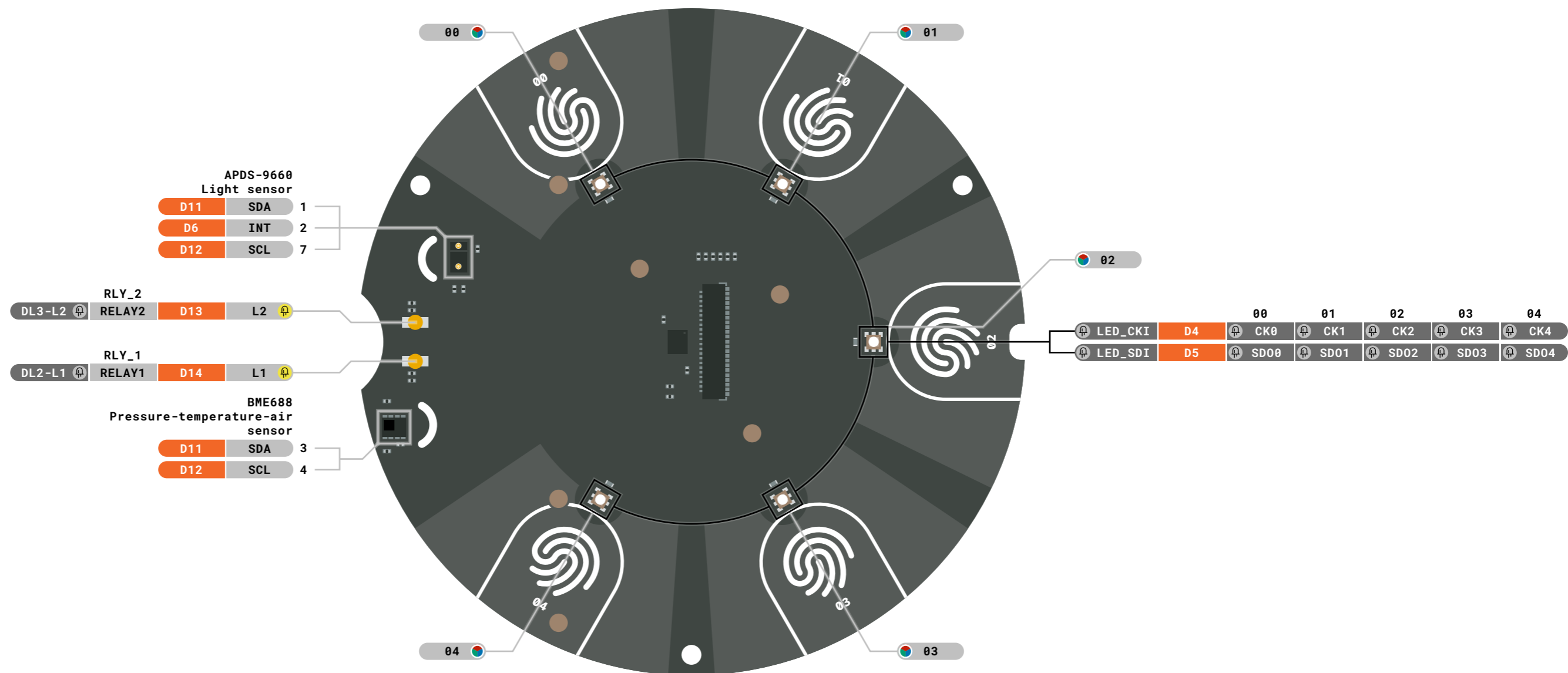


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BOTTOM VIEW



Legend:

- Power
- Power Input
- Power Output
- Ground
- GPIO Digital External
- Analog External
- Main Part
- Secondary Part
- Internal Component
- Other Pins (Reset, System Control, Debugging)
- LED
- RGB LED
- Other

POWER LIMITS
 Depend on the board used

CIP0/COPI have previously been referred to as MISO/MOSI



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