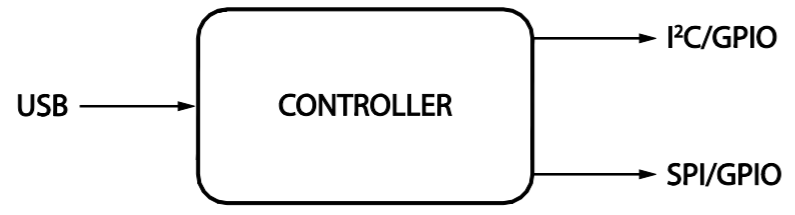


A B C D E F G H

1

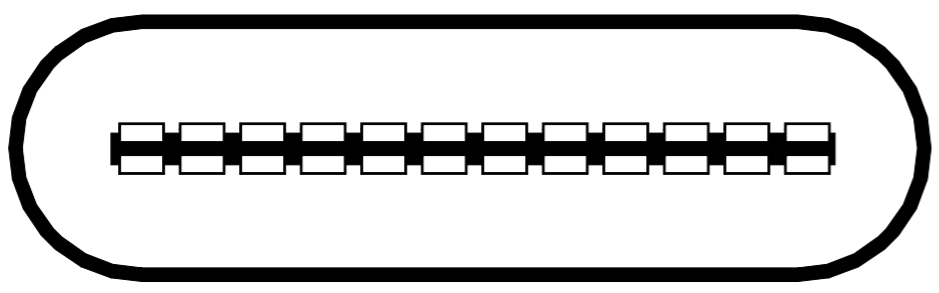
CIRCUITRY



2

HOST BUS CONNECTOR

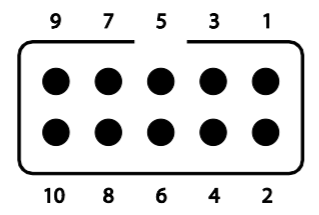
GND TX1+ TX1- VBUS CC1 D+ D- SBU1 VBUS RX2- RX2+ GND



GND RX1+ RX1- VBUS SBU2 D- D+ CC2 VBUS TX2- TX2+ GND

3

TARGET BUS CONNECTOR



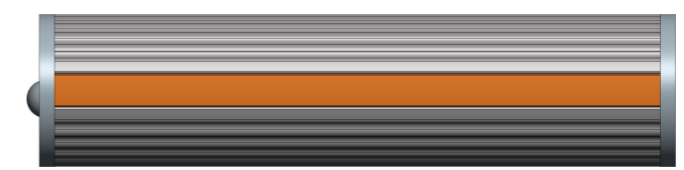
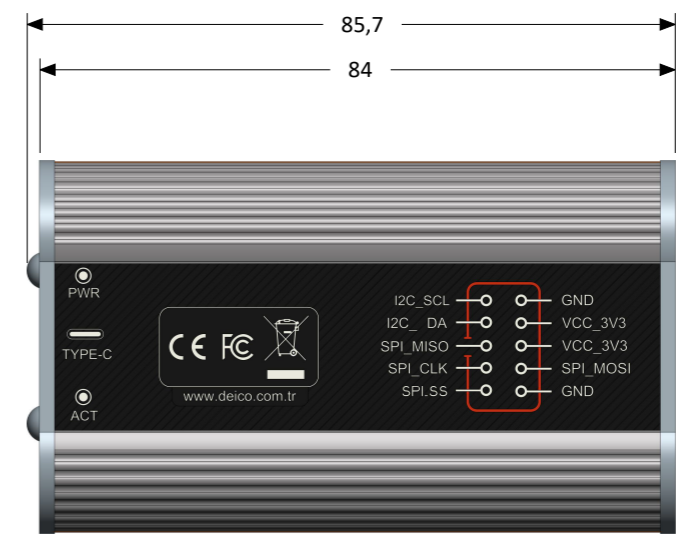
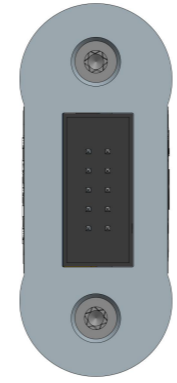
PIN	PIN NAME	DESCRIPTION
1	I ² C SCL	I ² C interface clock signal. There is an internal 4.7KOHM pull-up resistor. This pin can be used as GPIO.
2	GND	Ground connection.
3	I ² C SDA	I ² C interface data signal. There is an internal 4.7KOHM pull-up resistor. This pin can be used as GPIO.
4	VCC 3V3	3.3V output.
5	SPI MISO	SPI interface master in slave out signal. This pin can be used as GPIO.
6	VCC 3V3	3.3V output.
7	SPI CLK	SPI interface clock signal. This pin can be used as GPIO.
8	SPI MOSI	SPI interface master out slave in signal. This pin can be used as GPIO.
9	SPI SS	SPI interface slave select signal. This pin can be used as GPIO.
10	GND	Ground connection.

4

5

6

- 1.0 MECHANICAL SPECIFICATIONS:**
- 1.1 ENCLOSURE MATERIAL: EN AW-6060 T66, 2MM THK. FINISH: BLACK ANODIZED.
 - 1.2 FRONT PANEL MATERIAL: EN AW-AI Mg1 5005 H34, 2MM THK. FINISH: BLACK ANODIZED.
 - 1.3 PLASTIC STRIP MATERIAL: PC-ABS ALLOY.
- 2.0 ENVIRONMENTAL:**
- 2.1 OPERATING TEMPERATURE RANGE: -55°C TO 125°C.



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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS.

PRODUCT NAME					 www.deico.com.tr
DEICO ONYX USB - I ² C/SPI CONVERTER					
DOCUMENT NAME					
DE4001 - TECHNICAL DRAWING					
SIZE	SCALE	REVISION	REVISION DATE	SHEET	
A3	1:1	0	20.07.2023	1/1	