PCN 1

ED-CM4SEN Release

EDA Technology Co., LTD

December 2023

Contact Us

Thank you very much for purchasing and using our products, and we will serve you wholeheartedly.

As one of the global design partners of Raspberry Pi, we are committed to providing hardware solutions for IOT, industrial control, automation, green energy and artificial intelligence based on Raspberry Pi technology platform.

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Document version history

Release	Date	Description
1.0	8th December 2023	Initial release

1 Product Change Note

- ✓ Notification date

- ✓ Products Affected

- ✓ New Product Version

- ✓ Reason for Change

- ✓ Change Description

1.1 Notification date

8th December 2023

1.2 Products Affected

ED-CM4SEN V1.2

1.3 New Product Version

ED-CM4SEN V1.2b

1.4 Reason for Change

Upgrade products to meet marketing requirement.

1.5 Change Description

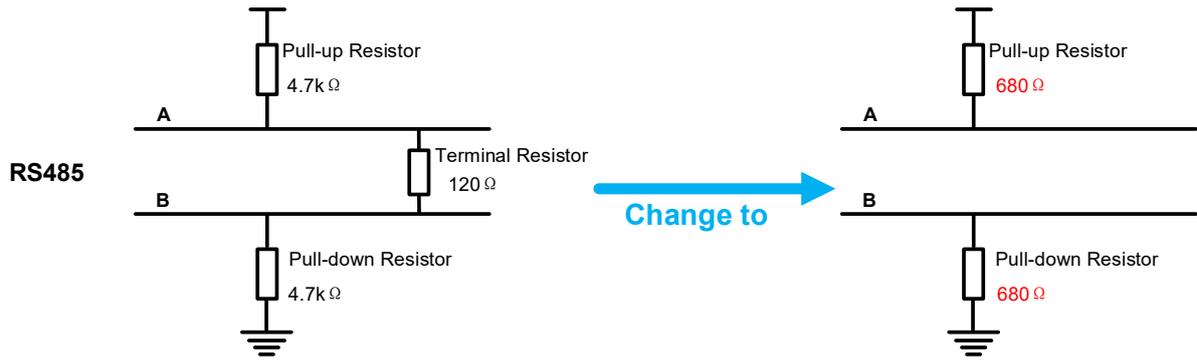### 1.5.1 New Function

NONE

1.5.2 Optimization

Changes	Results
Change the pull-up resistor and pull-down resistor of 4 RS485 circuits to 680Ω(The old version is 4.7kΩ).	• It will provide better compatibility and driving capabilities of RS485. • Compatibles with long distance and high baud rate transmission of RS485 signal. • Supporting to connect more RS485 devices on RS485 bus.
Remove the 120Ω terminal resistors of 4 RS485 circuits.	

The detailed modifications are as shown below:

RS485

Change to

	Original	Changed
Pull-up Resistor	4.7k Ω	680 Ω
Terminal Resistor	120 Ω	
Pull-down Resistor	4.7k Ω	680 Ω

Except for the above changes, everything else keep the same.

A detailed test report will be provided at the end of December.