

[Notes]

Smart Configurator for RZ

Outline

When using Smart Configurator for RZ, note the following point.

- 1. Missing pins for I2C0, I2C3 and I2C5 of RZ/G2M

1. Missing pins for I2C0, I2C3 and I2C5 of RZ/G2M

1.1 Applicable Products

- Smart Configurator for RZ V1.10.0 and earlier versions

1.2 Applicable Devices

- RZ Family:
RZ/G2M group

1.3 Details

In the Hardware Resource panel in the Pin Function tab, the following peripheral channel and pins are not displayed.

- I2C0 peripheral: SCL0, SDA0
- I2C3 peripheral: SCL3, SDA3
- I2C5 peripheral: SCL5, SDA5

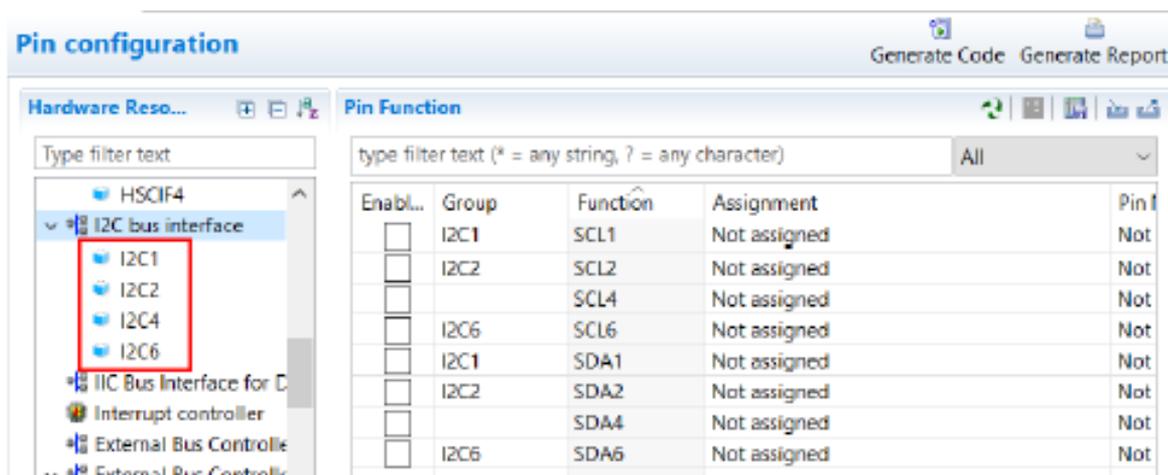


Figure 1 Missing pin of I2C0, I2C3 and I2C5

1.4 Workaround

To work-around the issue, add the following lines (example of I2C3 peripheral) to the generated DTSi file:

```
&pfc {
    i2c3_pins: i2c3 {
        renesas,groups = "i2c3_a";
        renesas,function = "i2c3";
    };
};
&i2c3 {
    pinctrl-0 = <&i2c3_pins>;
    pinctrl-names = "default";

    status = "okay";
```

If you have trouble to apply this workaround, please contact Renesas support via URL in below.

<https://en-support.renesas.com/>

1.5 Schedule for Fixing the Problem

This problem will be fixed in the next version.

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Jul.16.21	-	First edition issued

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