[Notes]
RX Family
CAN API Firmware Integration Technology,
RX Driver Package

Outline

When using the products in the title, note the following point.

1. Configuration by using the Smart Configurator

1. Configuration by Using the Smart Configurator

1.1 Applicable Products

(1) RX Family CAN API Firmware Integration Technology (CAN FIT module)

The applicable revision numbers and document numbers are as follows.

Table 1.1   CAN FIT module applicable products

CAN FIT module revision number	Document number
Rev.2.13	R01AN2472EU0213
Rev.2.14	R01AN2472EU0214
Rev.2.15	R01AN2472EU0215
Rev.3.00	R01AN2472EU0300
Rev.3.10	R01AN2472EU0310
Rev.3.11	R01AN2472EU0311
Rev.3.20	R01AN2472EU0320

(2) RX Driver Package

The CAN FIT module in (1) is also included in the RX Driver Package.
The product names and revision numbers of the applicable RX Driver Package and the revision numbers of the CAN FIT module are as follows.

Table 1.2   Products which include the CAN FIT module (1/ 2)

RX Driver Package product name	RX Driver Package revision number	Document number	Revision number of the included CAN FIT module
RX Family RX Driver Package Ver.1.16	Rev.1.16	R01AN4471EJ0116	Rev.2.13
RX Family RX Driver Package Ver.1.18	Rev.1.18	R01AN4659EJ0118	Rev.2.14
RX Family RX Driver Package Ver.1.19	Rev.1.19	R01AN4677EJ0119	Rev.2.15
RX Family RX Driver Package Ver.1.20	Rev.1.20	R01AN4794EJ0120	Rev.3.00
RX Family RX Driver Package Ver.1.22	Rev.1.22	R01AN4873EJ0122	Rev.3.10

Table 1.3   Products which include the CAN FIT module (2/2)

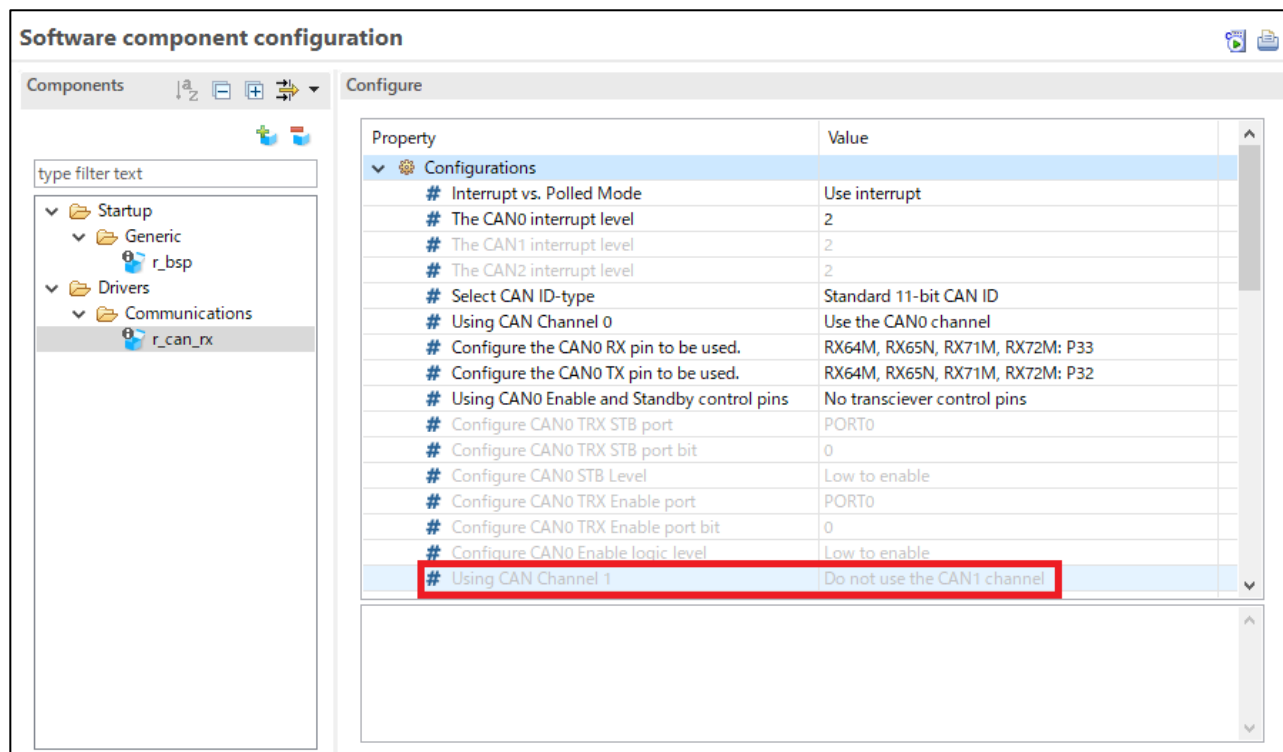| RX Driver Package product name	RX Driver Package revision number	Document number	Revision number of the included CAN FIT module
RX Family RX Driver Package Ver.1.23	Rev.1.23	R01AN4976EJ0123	Rev.3.11
RX Family RX Driver Package Ver.1.24	Rev.1.24	R01AN5267EJ0124	Rev.3.11
RX Family RX Driver Package Ver.1.25	Rev.1.25	R01AN5371EJ0125	Rev.3.20

1.2   Applicable Devices

RX651 group

1.3   Details and Conditions

CAN Channel 1 cannot be configured by using the Smart Configurator.

Value for 'Using CAN Channel 1' cannot be changed as shown in the image below.

1.4   Workaround

Add the processing shown in red to r_can_rx_vX.XX.mdf [Note1] in the CAN FIT module.

Note1: vX.XX is a revision number.

[CAN FIT module Rev.2.13, Rev.2.13, and Rev.2.15 line 162]

・Before modification

```
------------------------(Omitted)------------------------

  <constraint display="Only RX64M, RX71M, RX65N supported"
actionOnFail="disable">"${Device.group}" == "RX64M" || "${Device.group}" == "RX71M" ||
"${Device.group}" == "RX65N"</constraint>

------------------------(Omitted)------------------------
```

・After modification

```
------------------------(Omitted)------------------------

  <constraint display="Only RX64M, RX71M, RX65N and RX651 supported"
actionOnFail="disable">"${Device.group}" == "RX64M" || "${Device.group}" == "RX71M" ||
"${Device.group}" == "RX65N" || "${Device.group}" == "RX651"</constraint>

------------------------(Omitted)------------------------
```

[CAN FIT module Rev.3.00 line 162]

・Before modification

```
------------------------(Omitted)------------------------

  <constraint display="Only RX64M, RX65N and RX71M supported"
actionOnFail="disable">"${Device.group}" == "RX64M" || "${Device.group}" == "RX65N" ||
"${Device.group}" == "RX71M"</constraint>

------------------------(Omitted)------------------------
```

・After modification

```
------------------------(Omitted)------------------------

  <constraint display="Only RX64M, RX65N, RX651 and RX71M supported"
actionOnFail="disable">"${Device.group}" == "RX64M" || "${Device.group}" == "RX65N" ||
"${Device.group}" == "RX651" || "${Device.group}" == "RX71M"</constraint>

------------------------(Omitted)------------------------
```

[CAN FIT module Rev.3.10, Rev.3.11 line 202]

・Before modification

```
------------------------(Omitted)------------------------

  <constraint display="Only RX64M, RX65N, RX71M and RX72M supported"
actionOnFail="disable">"${Device.group}" == "RX64M" || "${Device.group}" == "RX65N" ||
"${Device.group}" == "RX71M" || "${Device.group}" == "RX72M"</constraint>

------------------------(Omitted)------------------------
```

・After modification

```
------------------------(Omitted)------------------------

  <constraint display="Only RX64M, RX65N, RX651, RX71M and RX72M supported"
actionOnFail="disable">"${Device.group}" == "RX64M" || "${Device.group}" == "RX65N" ||
"${Device.group}" == "RX651" || "${Device.group}" == "RX71M" || "${Device.group}" ==
"RX72M"</constraint>

------------------------(Omitted)------------------------
```

[CAN FIT module Rev.3.20 line 202]

・Before modification

```
------------------------(Omitted)------------------------

  <constraint display="Only RX64M, RX65N, RX71M, RX72M, RX72N and RX66N supported"
actionOnFail="disable">"${Device.group}" == "RX64M" || "${Device.group}" == "RX65N" ||
"${Device.group}" == "RX71M" || "${Device.group}" == "RX72M"|| "${Device.group}" ==
"RX72N"|| "${Device.group}" == "RX66N"</constraint>

------------------------(Omitted)------------------------
```

・After modification

```
------------------------(Omitted)------------------------

  <constraint display="Only RX64M, RX65N, RX651, RX71M, RX72M, RX72N and RX66N
supported" actionOnFail="disable">"${Device.group}" == "RX64M" || "${Device.group}" ==
"RX65N" || "${Device.group}" == "RX651" || "${Device.group}" == "RX71M" || "${Device.group}"
== "RX72M"|| "${Device.group}" == "RX72N"|| "${Device.group}" == "RX66N"</constraint>

------------------------(Omitted)------------------------
```

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.01.20	-	First edition issued

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