

Product Bulletin for Cisco RF Gateway 10 DS-384 Line Card P4080 Rev. 3 CPU Change

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Background

A new version of the Cisco® RF Gateway 10 (RFGW-10) DS-384 line card is being released with P4080 CPU revision 3 due to the obsolescence of the revision 2 CPU by the manufacturer. This line card requires the supervisor to run SQA3, SQB1, or later releases.

Details

Cisco is releasing a new version of the Cisco RFGW-10 DS-384 line card with the P4080 CPU revision 3. To support this new CPU, some changes have been made to the latest releases of the Sup-7E software. Support for the new CPU will be available with the following or later releases:

- 15.0(2)SQA3 (IOS-XE 3.2.3 SQ)
- 15.0(2)SQB1 (IOS-XE 3.3.1 SQ)
- 15.0(2)SQC (IOS-XE 3.4.0 SQ)

Line cards with the P4080 CPU revision 3 will not work with earlier software releases (3.2.0, 3.2.1, 3.2.2, 3.3.0).

If a new line card with the P4080 CPU revision 3 is inserted into a chassis with Sup-7E running an earlier software release, the new version of the Cisco RFGW-10 DS-384 line card (with P4080 CPU revision 3) will not downgrade. Due to this, the line card will not work as expected.

Recommendations

Customers need to upgrade the Sup-7E software to SQA3 (3.2.3), SQB1 (3.3.1), or a later release before installing the new DS-384 line card with the P4080 CPU revision 3.

How to Identify Whether the Line Card Has the Revision 3 CPU

The following changes indicate that the line card has the revision 3 CPU:

- Version ID (VID) has changed from 01 to 02.
- Part number has changed from 73-13409-06 to 73-13409-07.

These changes can be verified using the “show idprom” command or by visual inspection of the line card.

Using the Command Line

In the example shown below, the fields of interest are highlighted. The Part Number field will end with “07,” and the VID will read “V02” for line cards with the revision 3 CPU.

```
Chamber_rfgw#show idprom mod 11
Module 11 Idprom :
  Common Block Signature = 0xabab
  Common Block Version = 3
  Common Block Length = 144
  Common Block Checksum = 5081
  Idprom Size = 256
  Block Count = 3
  FRU Major Type = 0x4201
  FRU Minor Type = 24597
  OEM String = Cisco Systems, Inc.
```

```

Product Number = RFGW-DS384
Serial Number = CAT1713E00N
Part Number = 73-13409-03
Part Revision = B0
Manufacturing Deviation String =
Hardware Revision = 3.0
Top Assembly Number = 800-34611-01
Top Assembly Revision Number = B0
Power Consumption = 0
RMA Failure Code = 0 0 0 0
Linecard Block Signature = 0x4201
Linecard Block Version = 1
Linecard Block Length = 24
Linecard Block Checksum = 909
Feature Bits = 0x0000000000000000
Card Feature Index = 111
MAC Base = 8478.ac02.30e1
MAC Count = 7
Clei Block Signature = 0x4601
Clei Block Version = 1
Clei Block Length = 22
Clei Block Checksum = 973
Clei code string = VOS1ABDFAA
Version ID string = V01

```

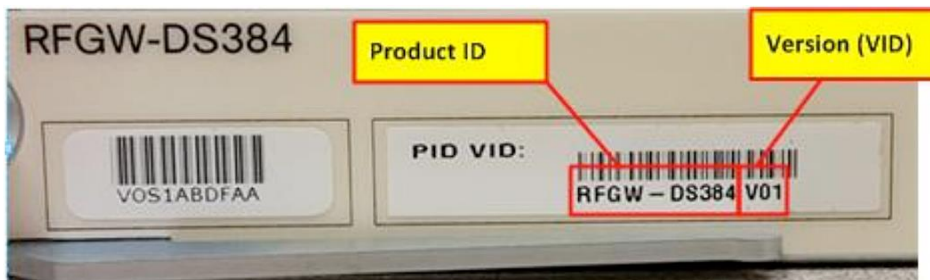
Product Number
Serial Number
Part Number
Top Assembly Number
VID

Visual Inspection of the Line Card

Front Panel

The product ID and VID can be viewed on the front panel as shown in Figure 1. The VID for line cards having the revision 3 CPU will read "V02."

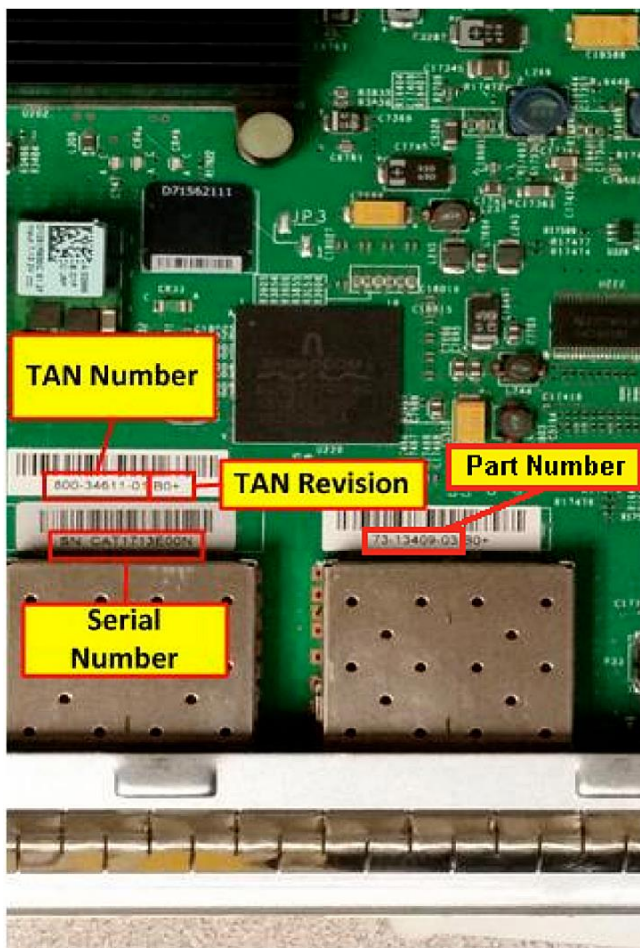
Figure 1. Viewing the Product ID and VID on the Front Panel



Printed Circuit Board

The part number and other fields of interest that are available on the printed circuit board (PCB) are highlighted in Figure 2. The last two digits in the part number will read "07" for line cards having the revision 3 CPU.

Figure 2. Viewing the Part Number on the PCB



Software Upgrade

The Sup-7E software needs to be upgraded to SQA3 (3.2.3), SQB1 (3.3.1), or a later release to support line cards with the revision 3 CPU. The RFGW-10 software can be downloaded from <http://www.cisco.com/c/en/us/support/video/rf-gateway-series/tsd-products-support-general-information.html>.

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