

Release Notes for PCIe Firmware Loader for Broadcom Network Switch devices

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Release 2.8

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Release Date: March 13, 2020

FW loader version: v2.800

SerDes FW version (Merlin16): D102_0B

SerDes FW version (Merlin7): E001_09

Devices supported at Beta level quality in this release:

BCM56990 (Tomahawk4 A0) family

Devices supported at GA level quality in this release:

BCM56880 (Trident4 B0) family

BCM56980 (Tomahawk3) family

BCM56870 (Trident3-X7) family

BCM56770 (Trident3-X5) family

BCM56370 (Trident3-X3) family

BCM56275 (Trident3-X2) family

BCM56470 (Trident3-X4) family

BCM56070 (Firelight) family

Important Notes:

- This release supports XGS devices only.
- The primary purpose of this release is to allow bringup/development of designs using the BCM56990, BCM56880, BCM56275, and BCM56470 family devices. It is not meant as a production release for those device families. Other device families are listed at GA level quality but this release contains no specific changes for those device families since v2.6.
- See important notes for v2.6 as they are applicable for v2.7 as well.

Improvements:

FW Loader:

- SDK-207531 PCIE FW loader: Add description and example for custom setting

Known Issues:

None.

Documentation:

pciefw_Loader_install.txt

custom.txt

Release contents:

PCIe Firmware Loader in binary and srec formats

pciefw-r5-m7.* - For BCM56880 and BCM56990 family devices

pciefw-m0.* - For BCM56370 and BCM56275 family devices

pciefw-r5.* - For all other device families

ARM DS-5 based serial flash programming tool

custom_ascii2bin.pl