NG CAPWAP IRAM Package Alpha Release 108_x_2

General

This IRAM package of Next Generation CAPWAP includes the following main features: CAPWAP new features on top of the existing Legacy IP offloading features which includes: Coarse Classification (CC), Independent-Mode (IM), Host-Commands (HC), IPv4/6 Fragmentation (IPF), IPv4/6 Reassembly (IPR), IPsec and Header Manipulation (HM).

Availability

The package is currently available for the following devices.

Table 1. Package Availability by Device

Device	Version Number	Compiler version	Loader file name (.h .bin)
T1024 rev 1.0	108_4_2	—	t1024_r1.0.h fsl_fman_ucode_t1024_r1.0_108_4_2.bin
B4860 rev 2.0	108_4_2	—	b4860_r2.0.h fsl_fman_ucode_b4860_r2.0_108_4_2.bin

Table 1. Package Availability by Device

T4240 rev 1.0 T4240 rev 2.0	108_4_2	—	t4240_r1.0.h fsl_fman_ucode_t4240_r1.0_108_4_2.bin t4240_r2.0.h fsl_fman_ucode_t4240_r2.0_108_4_2.bin
T2080 rev 1.0	108_4_2	—	t2080_r1.0.h fsl_fman_ucode_t2080_r1.0_108_4_2.bin
T1040 rev 1.0	108_5_2* (* reduced version w/o IM)	—	t1040_r1.0.h fsl_fman_ucode_t1040_r1.0_108_5_2.bin

Revision History

Table 2. Revision History for Alpha Release 108.x.2

Release Date: Sep. 17, 2014	
New Features	Next Generation CAPWAP features. For more information refer to specification of FMan controller chapter.
New Features (Not in spec)	None.
Spec Un-Supported Features	The image for T1040 is not supporting independent mode (IM). The reason for this is the reduced IRAM size of this silicon which is 32K bytes. Assuming user requires in uboot to run IM then for uboot it is required to use other image which supports IM (as IPACC_106_x_14 for example) and only after uboot load this image.
Bug Fixes/CCB	None.
Known Issues	None.
Restrictions	Same as IPACC package restrictions. (as IPACC_106_x_14 release notes for example)

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