

Product Change Notification

Date of Publication:

September 13, 2018

PCN Device:

Product	Model Name	Device ID
ARTIK530s	SIP005AFS30	SIP-005AFS302
ARTIK530s 1G	SIP005AFS30	SIP-005AUS332

Description of Change:

Shield can change

In order to enhance the heat dissipation, SAMSUNG will now change the shape of the shield can as shown in the table below. The replacement components are verified in form, fit and function.



DDR3 and eMMC change

SAMSUNG ARTIK 5 Series products will have the current DDR3 and eMMC chipset reaching End of Life. As a result, SAMSUNG will be adding alternative chipsets. The replacement components are verified in form, fit and function.

Operating Temperature change related to DDR3 change

ARTIK 530s 1G product will support extended operating temperature range as shown in the table below. This change is verified in form, fit and function.

However, SAMSUNG manages inventory on a first in first out (FIFO). Subsequently, customer’s request for a specific revision of material will not be supported by SAMSUNG.

Changes	Affected Device	As-is	To-be
Shield can	ARTIK530s, ARTIK530s 1G		
eMMC	ARTIK530s, ARTIK530s 1G	KLM4G1FEPD-B031	KLM4G1FETE-B041
DDR3 DRAM	ARTIK530s	K4B2G1646F-BMK0	H5TQ2G63GFR-RDI
	ARTIK530s 1G	K4B4G1646E-BCK0	H5TQ4G63EFR-RDI and K4B4G1646E-BMMA
Operating Temperature	ARTIK530s 1G	0°C to 85°C	-25°C to 85°C

Schedule:

Milestone		Date
New eMMC to be applied to mass production		Running Change (Effective immediately)
New shield can to be applied to mass production		Week 42, 2018
New DDR3 DRAM to be applied to mass production	ARTIK530s	February 2019
	ARTIK530s 1G	Week 49, 2018

Customer Impact of Change and Recommended Action:

This change is to improve performance, ARTIK team anticipates no impact to customers from these changes, but encourages customer to perform a standard level of evaluation.

Please contact your local sales office or distributor if you require more information. We will notify you again if any further changes.

Sincerely,

IoT Business Team / Samsung Electronics Co., LTD

PCN Revision History:

Issue Date	Rev. #	Revisions
August 30, 2018	-	Originally Published PCN
September 13, 2018	r2	Separation of ARTIK5 and ARTIK3 series change notice