

N32926 Product Change Notice

Notification Date: Jul. 2, 2021

Dear Customers:

Thanks for your full support to Nuvoton Microprocessor Products in the past years.

This notice informs you that the parts listed below will be replaced with the corresponding new parts because of internal stacked DRAM change.

Part No.	Corresponding New Part No.	Note
N32926U1DN	N32926U6DN	Compatible Part No.
N32926U4DN	N32926U6DN	Compatible Part No.
N32926U6DN	N9H26K63N	Compatible Part No.

Hardware Modifications

There is no need to modify the hardware.

Software Modifications

Due to the MCP DRAM change, N32926U6DN/N9H26K63N needs to use the latest Non-OS BSP and AutoWriter/TurboWriter.

The latest Non-OS BSP and the tools are compatible with N32926U1DN, N32926U4DN and N32926U6DN/N9H26K63N. (Note: N3296 BSP does not support emWin. If you need to use emWin, please use N9H26 BSP for development.)

You can find the latest Non-OS BSP and tools from the GitHub link:

https://github.com/OpenNuvoton/N32926_NonOS_BSP

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Table 1 shows the relationship between different part numbers and Non-OS BSP/Tools.

	Version before 2021/5/4		Version after 2021/5/5	
	N/A	AutoWriter V3.00.013 TurboWriter V2.20.006	Non-OS BSP Tags "N32926U6DN"	AutoWriter V3.01.002 TurboWriter V2.30.003
N32926U1DN	Support		Support	
N32926U4DN	Support		Support	
N32926U6DN/ N9H26K63N	Not Support		Support	

Table 1 Relationship between Part Numbers and Non-OS BSP/Tools

Table 2 lists the changed files related to DRAM configuration in the tag "N32926U6DN" of Non-OS BSP. To keep the old Non-OS BSP version, copy the changed files from the latest Non-OS BSP to replace the corresponding files to support N32926U6DN/N9H26K63N.

Non-OS BSP Folder	Modified file or Linked library	Note
SYSLIB\src	wb_config.c	Generate new W55FA92_SYSLib.lib, W55FA92_SYSLib_FreeRTOS.lib for Kiel and libW55FA92_SYSLib.a and libW55FA92_SYSLib_FreeRTOS.a for GCC
Loader\NandLoader	wb_config.c	
Loader\SDLoader	wb_config.c	
Loader\SpiLoader	Link new W55FA92_SYSLib.lib/ libW55FA92_SYSLib.a	
Loader\SpiLoader_gzip	Link new W55FA92_SYSLib.lib/ libW55FA92_SYSLib.a	
NVTLoader	Link new W55FA92_SYSLib.lib/ libW55FA92_SYSLib.a	
NandWriter	update new turboWriter.ini	
SDWriter	update new turboWriter.ini	
SpiWriter	update new turboWriter.ini	
ICE debug		
N32926\N32926.ini		Keil Section file change to 160/240MHz
IP\Example\GCC	N32926.launch	GCC launch file change to 160/240MHz
Tool		
TurboWriter	TurboWriter.ini	
AutoWriter	TurboWriter.ini	

Table 2 Changed Files in the Tags "N32926U6DN" of Non-OS BSP

If you have any questions about this PCN, please contact Nuvoton local FAE or sales, then we will help you immediately.

Thanks for your attention, and Nuvoton will provide the best service to you continuously.

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Yours truly,

CHLu

Microcontroller Marketing Division Director