

N9H30 emWin HMI Change Log

Document Information

Abstract	Introduce N9H30 emWin HMI change log.
Apply to	N9H30 series

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1 Introduction

This document describes the files meaning in BSP/ThirdParty/emWin/Doc folder and Nuvoton N9H30 emWin HMI library change log.

Note: “Official” means this document comes from SEGGER emWin.

File Name	Description
Changelog.pdf	Nuvoton N9H30 emWin HMI Change log
UM_Font_Architect_EN_Rev1.02.pdf	Nuvoton emWin HMI font tool
UM_Font_Architect_TC_Rev1.02.pdf	Nuvoton emWin HMI font tool
AN03002_Custom_Widget_Type.pdf	Official application note
Release.html	Official change history
UM03001_emWin.pdf	Official user manual

2 N9H30 emWin HMI Change History

This chapter introduces N9H30 emWin HMI change log in the Nuvoton N9H30 BSP.

2.1 Change Log

N9H30 emWin HMI version	Description
V6.10f.4	<ul style="list-style-type: none"> Updated XOR operation from 2D to original software render.
V6.10f.2	<ul style="list-style-type: none"> Nuvoton emWin HMI library comes from SEGGER emWin version V6.10f.
V5.48k.8	<ul style="list-style-type: none"> Disable "per-pixel alpha-blending" feature to draw source format is ARGB8888 bitmap. Library updated for Keil and GNU tool-chain.
V5.48k.6	<ul style="list-style-type: none"> Add H/W 2D (draw bitmap) GUI_DRAW_BMPM8888I bitmap in 32-bit ARGB8888 frame buffer (MSB is dummy byte)
V5.48k.4	<ul style="list-style-type: none"> Added GCC version library "libNUemWin_ARM9_GCC.a".
V5.48k.2	<ul style="list-style-type: none"> Nuvoton emWin HMI library comes from SEGGER emWin version V5.48k. Updated definition GUI_NUM_LAYERS from 1 to 4. (SoftLayer)
V5.46h.2	<ul style="list-style-type: none"> Initially created, Nuvoton emWin HMI library comes from SEGGER emWin version V5.46h. Updated definition GUI_USE_ARGB from 0 to 1. Updated touch from INT to POLL mode. Added H/W JPEG. (decoder) Add H/W 2D (fill solid, horizontal line, vertical line and solid rectangle) Add H/W 2D (alpha blending)

Revision History

Date	Revision	Description
2020.05.15	1.00	1. Initially issued.
2020.06.11	1.01	1. Updated from V6.10f.2 to V6.10f.4

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