

GigaDevice Semiconductor Inc.

GD32F50x_Demo_Suites

发布手册

1.0.4 版本

(2026 年 2 月)

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1. 发布内容

1.1. 版本概述

GD32F50x_Demo_Suites_V1.0.4 版主要更新内容如下：

1. 跟随固件库更新；
2. 新增 GD32F503C_START_Demo_Suites 、 GD32F503K_START_Demo_Suites 与 GD32F503R_START_Demo_Suites 的 USB 主机 demo。

1.2. 代码 & 文档

- GD32F50x Standard Peripheral Firmware
- GD32F503V_EVAL Demo Suits
- GD32F503C_START Demo Suites
- GD32F503K_START Demo Suites
- GD32F503R_START Demo Suites
- GD32F503V Utilities
- GD32F503C Utilities
- GD32F503K Utilities
- GD32F503R Utilities
- 《GD32F503V-EVAL 评估板用户指南》
- 《GD32F503V-EVAL-V1.1》
- 《GD32F503C-START 评估板用户指南》
- 《GD32F503C-START-V1.1》
- 《GD32F503K-START 评估板用户指南》
- 《GD32F503K-START-V1.1》
- 《GD32F503R-START 评估板用户指南》
- 《GD32F503R-START-V1.2》

1.3. 参考文档

- 《GD32F50x_用户手册》

2. 版本信息

表 2-1. 版本信息

名称	GD32F50x_Demo_Suites.7z
版本	V1.0.4
发布日期	2026.02.25
适用芯片型号	GD32F503xx
支持的评估板	GD32F503V-EVAL-V1.1 GD32F503C- START -V1.1 GD32F503K- START -V1.1 GD32F503R-START-V1.2
编译环境	<ul style="list-style-type: none"> ■ IAR Embedded Workbench 8.32.1 ■ ARM Keil 5.29 ■ GD32EmbeddedBuilder_v1.5.5_Rel

3. 发布版本功能描述

详情请参考《GD32F503V-EVAL 评估板用户指南》、《GD32F503C-START 评估板用户指南》、《GD32F503V-START 评估板用户指南》以及《GD32F503V-START 评估板用户指南》。

4. 发布版本变更列表

详情请参考 change log.txt。

5. 发布版本质量报告

表 5-1. 发布版本质量报告

序号	报告项	具体描述
1	MISRA 报告获取	是的，可获取 MISRA-C:2012 报告
2	MISRA 偏差数目（Required 规则）	0
3	MISRA 偏差解释数目（Required 规则）	0
4	工程编译结果警告个数（Keil5）	无
5	工程编译结果警告个数（IAR）	无
7	工程编译结果警告个数（GD32EmbeddedBuilder）	无

6. 发布版本注意事项

表 6-1. 发布版本注意事项

序号	模块	问题描述	解决/规避方式
1	-	1. Boot方式选择和配置 2. SRAM ECC配置说明 3. FLASH配置说明 4. RCU时钟配置限制说明 5. TIMER使用说明 6. CMP使用说明 7. PMU使用说明	详见《AN270 GD32F50x软件开发指南》
2	-	1. 硬件设计：电源、时钟、启动配置、典型外设模块、下载调试电路、参考原理图设计 2. PCB Layout设计：电压去耦电容、时钟电路、复位电路、USB电路 3. 封装说明	详见《AN278 GD32F50x系列硬件开发指南》

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