

GigaDevice Semiconductor Inc.

GD32F50x_Firmware_Library

发布手册

V1.0.4 版本

（2026 年 2 月）

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1. 发布内容

1.1. 版本概述

GD32F50x_Firmware_Library_V1.0.4 主要更新内容如下：

1. EB 工程 FPU 配置相关更新
2. 启动文件 bug 修复
3. DAC、FWDGT、CAN、TIMER 模块驱动修改

1.2. 代码 & 文档

- GD32F50x Standard Peripheral Firmware
- GD32F50x Peripheral Examples
- GD32F50x Utilities
- GD32F50x Template
- 《GD32F50x_固件库使用指南》
- 《GD32F503V-EVAL-V1.1》

1.3. 参考文档

- 《GD32F50x_用户手册》
- 《GD32F50x_数据手册》

2. 版本信息

表 2-1. 版本信息

名称	GD32F50x_Firmware_Library.7z
版本	V1.0.4
发布日期	2026.02.25
适用芯片型号	GD32F502xx GD32F503xx GD32F505xx
支持的评估板	GD32F503V-EVAL-V1.1
编译环境	■ IAR Embedded Workbench 8.32.1 ■ ARM Keil 5.29

3. 发布版本功能描述

详情请参考《GD32F50x_固件库使用指南》。

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，除 2.2）	0
3	MISRA 偏差解释数目（Required 规则，除 2.2）	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
6	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	-	<ol style="list-style-type: none"> Boot方式选择和配置 SRAM ECC配置说明 FLASH配置说明 RCU时钟配置限制说明 TIMER使用说明 CMP使用说明 PMU使用说明 	详见《AN270 GD32F50x软件开发指南》
2	-	<ol style="list-style-type: none"> 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 PCB Layout设计：电压去耦电容、时钟电路、复位电路、USB电路 封装说明 	详见《AN278 GD32F50x系列硬件开发指南》

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