



GR5525 Software Development Kit Release Note

Version: 1.0.0

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1 SDK V1.0.0

The GR5525 Software Development Kit (SDK) V1.0.0 is the first release for GR5525 System-on-Chips (SoCs).

1.1 Release Overview

1.1.1 Release Package

Table 1-1 Release package

Folder	Description
build	Link-related tools and scripts
components	Bluetooth LE API header, library, and source files
documentation	API reference
drivers	Driver interface source code and header files
external	Third-party library source code and header files
platform	Link-related files
projects	Example project files and source code
tools	Installation packages for mobile or PC tools, including GProgrammer, GRUart, GRPLT Lite Config Tool, GRDirect Test Mode Tool and GRToolbox

1.1.2 Notices

- Major updates based on the previous version include new features, functional changes, and fixed bugs.
- The whole SDK has been comprehensively retested based on the following environments.

Table 1-2 Item version

Item	Name & Version
IDE	Keil MDK-ARM Version 5.20 IAR ANSI C/C++ Compiler V8.22.2.15995/W32 for ARM GNU Arm Embedded Toolchain 10-2020-q4-major
SoC	GR5525 series: GR5525RGNI, GR5525IGNI, GR5525IENI, and GR5525I0NI
Platform	Windows 7/10
Tools	<ul style="list-style-type: none">GProgrammer V1.2.41GRUart V2.1GRToolbox V2.16GRPLT Lite Config Tool V1.1.4GRDirect Test Mode Tool V1.5.0GRPLT V1.5.0.0.6

1.1.3 Limitations

- The GR5525 SDK might not work in versions earlier than Keil V5.20.
- There may be some problems with SEGGER J-Link and Keil.

Visit https://www.segger.com/IDE_Integration_Keil.html#knownproblems for more details.