



Gowin Programmer

Release Note

RN100-1.9.12E_SP1, 2025-09-17

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About This Release

Gowin Programmer V1.9.12_SP1 (Service Pack) is an enhanced package of V1.9.12. GOWINSEMI recommends downloading this version to get the latest software.

V1.9.12_SP1 software enhancements are listed in the table below:

Feature	Description
Gowin Programmer: V1.9.12_SP1	
Enhancements	Programmer frequency updated to 10 MHz when downloading SRAM of Arora V devices, and SRAM download failure on GW5A(S)(T)-138 and GW5AT-75 devices fixed when using the GWU2X cable.

Gowin Programmer V.9.12 release items are listed in the table below:

Feature	Description
Gowin Programmer: V1.9.12	
New Functions	<ul style="list-style-type: none">● Function options added in Programmer: "exFlash Erase Sectors About File", "exFlash Erase Sectors About File Arora V", "exFlash Erase Sectors About File thru GAO-Bridge Arora V", "sFlash Erase Sectors About File", "sFlash Erase Sectors About File thru GAO-Bridge", "exFlash Erase Sectors About File thru GAO-Bridge", to erase the corresponding regions of external Flash based on the bitstream file size and start address.● External Flash capacity for GW5AST-38 C devices increased to 32Mbytes in Programmer.
Updated	<ul style="list-style-type: none">● External Flash download flow in Programmer optimized by checking whether the file size exceeds the Flash capacity before downloading.● gao-bridge bitstream file for GW5AST-138 C devices updated to optimize external Flash download flow in Programmer.

