



Elprotronic Inc. Expands S-GANG Support for STMicroelectronics' NPU-accelerated STM32N6 MCUs

A High-Speed GANG Flashing Solution for the new STM32N6 Series with Integrated Neural Processing Unit”

S-GANG Delivers High-Speed Downloads and a Turnkey Software Solution for STM32N6 Users

July 29, 2025

ONTARIO, Canada - [Elprotronic Inc.](#) announced today the release of its S-GANG flashing solution supporting the new STM32N6 series from STMicroelectronics. Elprotronic's latest S-GANG technology provides Flash Programming, Validation, Verification, Unique Serialization of firmware, and speeds of up to 1 MBytes/s, depending on the hardware design.

“Our long-standing collaboration with STMicroelectronics has enabled us to continuously advance our GANG-flashing solutions for STM32 microcontrollers. With the launch of the new STM32N6 series designed for power sensitive Edge AI applications, Elprotronic's S-GANG now offers full gang-flashing support for this powerful new high-performance series. We look forward to supporting upcoming STM32 devices and helping our customers accelerate their growth,” said Gregory Czajkowski, CEO of Elprotronic Inc.

ST's new STM32N6 MCU series comes with the “ST Neural-ART accelerator™, a neural processing unit (NPU) engineered for power-efficient edge AI applications, and uses Cortex-M55 running at the speed of 800 MHz. With Elprotronic S-GANG, customers using the new STM32N6 MCU can get fast and scalable production-ready solutions of more than 100 target boards in one flash download, will be able to program external flash/EEPROM directly over SPI and/or via MCU as proxy using target MCU's own peripherals, and the option to run in Standalone mode (i.e. no PC host),

“We're pleased to see Elprotronic adding S-GANG support for the STM32N6 high-performance MCU series. With the STM32N6 targeting power efficient Edge AI applications, S-GANG support will be a valuable addition to the growing STM32N6 ecosystem,” said Laurent Hanus, Ecosystem Marketing Manager at STMicroelectronics.

The STM32N6 is a powerful microcontroller from ST that integrates a neural processing unit (NPU) for enhanced AI capabilities. It is designed to run real-time operating systems (RTOS) while taking advantage of a broad range of security features. The S-GANG is available for Windows (32-bit and 64-bit), Linux support, and CLI for flexible control, with programmer-to-

target protocols such as JTAG, cJTAG, SWD, BSL, DD, SPI, UART and programmer-to-PC/Host protocols such as USB-C, Ethernet, and RS232.

The new S-GANG for STM32N6 is available now and users can order it directly from Elprotronic: sales@elprotronic.com

For more information about Elprotronic, ST Authorized Partner, please see <https://www.elprotronic.com/STM32>

For more information about STM32N6, please see <http://www.st.com/STM32N6>

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