



ICP2-LAN(G3)

1 channel galvanic isolated in-circuit programmer

Product Overview:

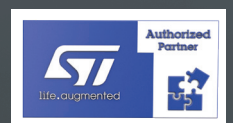
The ICP2-LAN(G3) is a 1 channel Universal Production Quality Flash Programmer, designed to optimize high-volume programming with advanced automation, efficiency, and precision. Its compact, space-saving design ensures seamless integration into your production line, while its galvanic isolation of control and communication lines guarantees rock-solid reliability, even in demanding settings.

ICP2-LAN(G3) offers remote programming via LAN connection. This means you can program devices directly from your network, eliminating the need to be physically connected to the programmer itself. Manage and control your programming process from any computer on your network, streamlining workflow and increasing efficiency, especially in multi-user environments.

ICP2-LAN(G3) supports a wide range of microcontrollers (MCUs) from popular manufacturers like Microchip, ST, Renesas, NXP, Nordic, Cypress, TI, Silicon Labs, and GigaDevice. It works with various programming interfaces like ICSP, SWD, JTAG, UPDI, I2C, SPI, TPI, PDI, UART, Microwire, SWIM, SWI, BDM, C2, SBW, etc., ensuring compatibility with both your current and future projects.

- Universal flash programmer
- Compact, space-saving design
- Daisy chain setup possibility to increase capacity to 16 channels
- Remote operation
- Full compatibility mode with ICP2
- Easy ATE integration
- Galvanic isolation of control and communication lines
- DLL / Command Line / Advanced Command Line Support (optional)
- Secure programming - innovative, multi-layer IP protection (optional)
- 24x7 Support

Our Partners



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High-Speed, Scalable Programming Device

- High-Speed, Scalable Programming Device
ICSP, SWD, JTAG, UPDI, I2C, SPI, TPI, PDI, UART, Microwire, SWIM, SWI, BDM, C2, SBW, etc. programming interfaces
- Small size, DIN rail and wall mountable
- Easy ATE integration due to small size
- Galvanic isolation of control and communication lines
- LAN and RS-232 interfaces
- On-board 32MByte flash memory for non-volatile storage of HEX, configuration and serialization files
- Multiple serialization schemes: sequential, random, pseudo-random and user file, 1 to 8 bytes
- Tests Vdd and Vpp for overload with indication by software
- Dimensions: 78 x 60 x 31mm

Programmable Hardware

- Isolated wired remote programming and environment switch: GO/PASS/FAIL/ENV
- Full compatibility with ICP2:
non-isolated GO/PASS/FAIL on D-type 15
- Programmable Vdd (1.8 to 5.5V) and Vpp (1.8 to 13.5V)
- Programmable delay between Vdd and Vpp (0.1 to 250ms)
- Programmable clock/data speed (500KHz to 10MHz)
- Programmable Vdd source: ICP2-LAN(G3) or target
- Vdd current limit: 250mA

Easy-to-Use Software

- Windows® DLL / Command Line / Advanced Command Line for automatic programming (optional)
- Secure programming feature including hex file encryption, counter and secure buffer (optional)
- Daisy chain setup possibility to increase capacity to 16 channels
- Full compatibility mode with ICP2
- Remote operation

Host System Requirements

- Windows®- 7/8/10/11
- LAN or RS-232 port



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