Softlog Systems

ICP2(G3)

1 channel in-circuit programmer

Product Overview:

The ICP2(G3) programmer is a one-channel programmer ideal for high-volume production environments. Fully reliable and in production since 2006, the programmer is known for its robust performance and is ideal for high-throughput, nonstop assembly line operations.
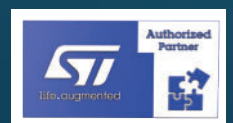
The programmer supports popular programming interfaces, including ICSP, SWD, JTAG, UPDI, I2C, SPI, TPI, PDI, UART, Microwire, SWIM, SWI, BDM, C2, SBW, etc., and works with any silicon chip. It is currently used with Microchip, ST, NXP, Renesas, Nordic, Cypress, Texas Instruments, Silicon Labs, GigaDevice, and other microcontroller vendors.

The ICP2(G3) improves production times and device performance through our Gap Eliminator™ technology. Gap Eliminator effectively removes programming gaps, reducing programming time while improving the performance of the final product.

Our technical support team is available around the clock to ensure you have immediate solutions for any operational or maintenance issues that arise.

- Production flash programmer
- Highly reliable since 2006
- Fast programming
- DLL / Command Line / Advanced Command Line Support (optional)
- Secure programming - innovative, multi-layer IP protection (optional)
- 24×7 Support

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High-Speed, Scalable Programming Device

- ICSP, SWD, JTAG, UPDI, I2C, SPI, TPI, PDI, UART, Microwire, SWIM, SWI, BDM, C2, SBW, etc. programming interfaces
- USB 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: 175 x 85 x 35mm

Programmable Hardware

- Remote programming via 3 lines: GO/PASS/FAIL
- 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(G3) or target
- Vdd current limit: 250mA

Easy-to-Use Software

- DLL / Command Line / Advanced Command Line for automatic programming (optional)
- Secure programming feature including hex file encryption, counter and secure buffer (optional)
- 6 environments

Host System Requirements

- Windows®- 7/8/10/11
- Linux with Wine
- USB or RS-232 port

Available with Secure Programming

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