



Production programming solutions for the STM32

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The STM32 families are supported by a complete range of programming solutions from third-party tool suppliers. These tools are suited to a development environment or ready to integrate in a production environment.

The programmer type column indicates the type of programming tools offered:

- Single site: Single programmer with one socket
- Multi site: Programmer with several sockets or a single that can be linked
- ISP (in-situ programming): The programmer programs the device already soldered on the application
- Single site + ISP: Single programmer with a socket and ISP connections
- Multi site + ISP: Multi site programmer with sockets, offering an ISP connection for each socket
- ATE compatible: Single programmer that can be driven by automated test equipment
- Automated: Automated programming system with I/O media possible, i.e. tape input/output, tube input/output, tray
- Standalone: After being loaded, the tool does not need to be connected to a host
- Concurrent programming: On a multi site programmer, programming starts when the chip is inserted in the socket

= in development, = available

Supplier	STM32 F1 Mainstream MCUs	STM32 F2 High-performance MCUs	STM32 F3 Mixed-signal MCUs with DSP and FPU	STM32 F4 High-performance MCUs with DSP and FPU	STM32 F0 Entry-level MCUs	STM32 L1 Ultra-low-power MCUs	STM32W Wireless MCUs	Programmer type	Link to MCUs supported list
 www.algocraft.com								Single ISP Multi ISP Standalone	N/A
 www.bpmicro.com								Single site Multi site Automated	Check supported MCUs
 www.elnec.com								Single site +ISP ATE compatible Concurrent programming	Check supported MCUs
 www.dataman.com								Single site +ISP ATE compatible Concurrent programming	Check supported MCUs
 www.data-io.com								Single site Multi site Automated	Check supported MCUs
 www.dediproq.com								Single site +ISP	Check supported MCUs
 www.falcon-denshi.co.jp								Single site Multi site	Check supported MCUs
 www.hilosystems.com								Single site Multi site	Check supported MCUs
 www.phyton.com								Single site Multi site Automated	Check supported MCUs
 www.rk-system.com								Single site Multi site	Check supported MCUs
 www.segger.com								Single ISP ATE compatible Optocoupled Standalone	N/A
 www.smh-tech.com								Single ISP ATE compatible Standalone	Check supported MCUs
 www.sg.com								Single site Multi site Automated	Check supported MCUs

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 www.raisonance.com								Single ISP	N/A
 www.ronetix.at								Single ISP	Check supported MCUs
 www.xeltek.com								Single site Multi site Standalone ATE compatible Automated	Check supported MCUs