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
algocraft www.algocraft.com	■	■		■	□	■	■	Single ISP Multi ISP Standalone	N/A
BPM MICROSYSTEMS www.bpmicro.com	■	■		□		■	□	Single site Multi site Automated	Check supported MCUs
ELNEC www.elnec.com	■	■	■	■	■	■	■	Single site +ISP ATE compatible Concurrent programming	Check supported MCUs
DATAMAN www.dataman.com	■	■	■	■	■	■	■	Single site +ISP ATE compatible Concurrent programming	Check supported MCUs
Data I/O www.data-io.com	■	■		□		■	□	Single site Multi site Automated	Check supported MCUs
DediProg www.dediprog.com	■	■		■				Single site +ISP	Check supported MCUs
FALCON www.falcon-denshi.co.jp	■							Single site Multi site	Check supported MCUs
HI-LO SYSTEMS www.hilosystems.com	■	■		■	□	■	■	Single site Multi site	Check supported MCUs
Phyton www.phyton.com	■	■		■	□	■	■	Single site Multi site Automated	Check supported MCUs
RK-SYSTEM® www.rk-system.com	■	■		■	■	■	■	Single site Multi site	Check supported MCUs
SEGGER www.segger.com	■	■	□	■	□	■	■	Single ISP ATE compatible Optocoupled Standalone	N/A
SMH Technologies www.smh-tech.com	■	■		□		■	■	Single ISP ATE compatible Standalone	Check supported MCUs
SYSTEM GENERAL www.sg.com	■	■		□	□	□	■	Single site Multi site Automated	Check supported MCUs

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RAISONANCE Innovative Development Tools www.raisonance.com	■	■	■	■	■	■	■	Single ISP	N/A
RONETIX www.ronetix.at	■							Single ISP	Check supported MCUs
XELTEK SUPERPRO www.xeltek.com	■	■	▪	■	■	■	■	Single site Multi site Standalone ATE compatible Automated	Check supported MCUs