Production programming solutions for STM8

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The STM8 families are supported by a complete range of programming solutions from third-party tool suppliers. These tools are suited for 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	STM8S Mainstream MCUs			STM8L Ultra-low-power MCUs			STM8A Automotive MCUs	STM8T Touch-sensing MCUs		Programmer type	Link to MCUs supported list
	STM8S 003 Value line	STM8S 103/105 Access line	STM8S 207/208 Performance line	STM8L05x Value line	STM8L101 line	STM8L 15x/16x line		STM8T 141/143	STM8TL5x		
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 Multi site concurrent programming	Check supported MCUs
DATAMAN www.dataman.com	■	■	■	▫	■	■	■	■	■	Single site +ISP ATE compatible Multi site concurrent programming	Check supported MCUs
Data I/O www.data-io.com		■	■		■	■	■			Single site Multi site Automated	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
RAISONANCE Innovative Development Tools www.raisonance.com	■	■	■	■	■	■	■			Single ISP	N/A

www.BDTIC.com/ST

XELTEK SUPERPRO www.xeltek.com	■	■	■		■	■	■			Single site Multi site, Standalone ATE compatible Automated	Check supported MCUs

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