



GSAS Micro Systems Pvt Ltd (GSASMSPL) has Partnered with Elprotronic Inc, Canada to provide Fast and Reliable Production Flash and Gang Programmers for iMOTION Devices. Elprotronic has been in the programming solutions market for 20 years providing best features for manufacturing processes in addition to basic programming of internal flash memory. It differentiates itself from others by offering a significant reduction of additional hardware needed for programming processes.



FlashPro-iMOTION (XS)
Can Program Single Target



FlashPro-iMOTION (X2S)
Can Program Single target
in Standalone Mode



GangPro-iMOTION (XS)
Can program up to 6 Targets in
parallel

Main Features

- Embedded Flash programmer. XStream-Iso hardware adapter runs with FlashPro-iMOTION software.
- Programmer can program both iMOTION cores: ARM-CM0 and iMOTION MCE
- Supports SWD, and UART communication.
- Standalone programming feature makes it unnecessary to use a host computer
- Up to 64 Flash Programming Adapters (FPAs) can be connected to one PC,
- Lock setup capability, useful in production
- Ethernet Connectivity for Standalone Programmer.
- Standalone Mode in FlashPro mode only (Auto Program with GO button from internal flash for single target programming)
- SWD: Programmable communication clock up to 20 MHz, effective throughput up to 1 MBytes/s.
- UART: Selectable speed from Fast 2.1 Mbps, Medium 500 kbps, to Slow 115 kbps.
- Power supply from adapter available, up to 200 mA.
- Current measurement from 20 uA to 200 mA.
- Customizable Vcc from 1.65 to 4.0V.
- Built-in galvanic isolation between PC and targets.
- CMSIS-DAP 2.0 ARM Debugger included (IAR EWARM, Keil uVision, etc. debugging support).
- Easy to use GUI runs on Windows(TM) XP, 7, 8, 10, and 11.
- DLL and Command-Line support (Windows).
- C++, C#, Python code examples provided. Linux support is coming soon.

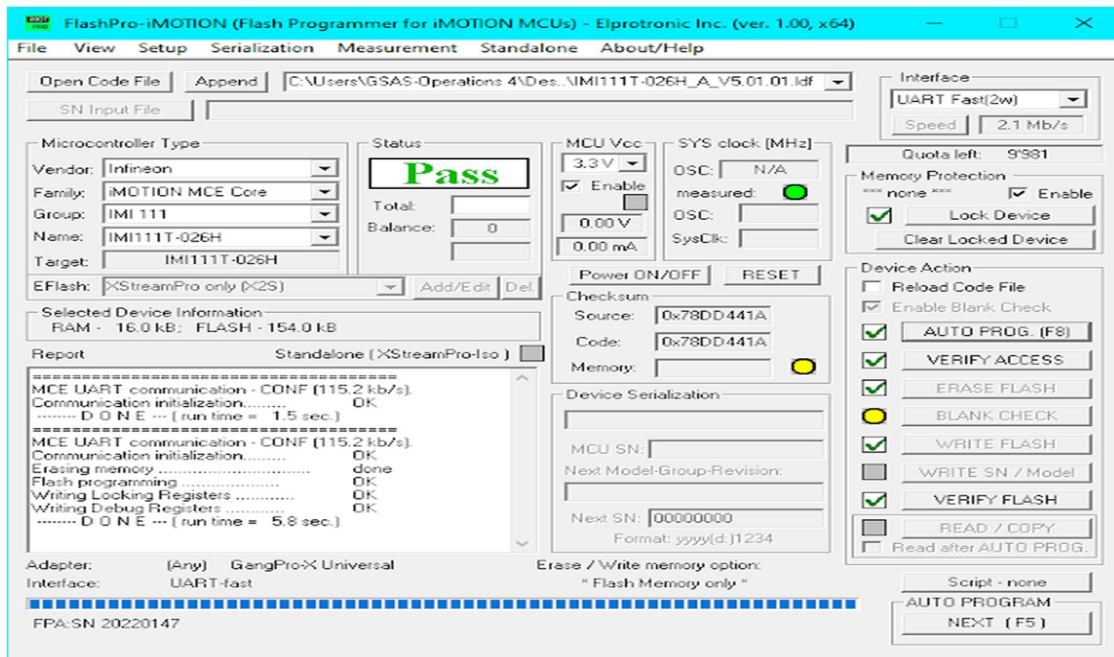


MCU supported list: IMC099T-T038, IMC101T-T038, IMC101T-Q048, IMC101T-F048, IMC101T-F064, IMC102T-F048, IMC102T-F064, IMC301A-F048, IMC301A-F064, IMC302A-F048, IMC302A-F064, IMD111T-6F040, IMD112T-6F040, IMM101T-015M, IMM101T-046M, IMM101T-056M, IMM102T-015M, IMM102T-046M, IMM102T-056M

Package contains:

- iMOTION programmer
- USB cable,
- 14-to-14-pin ribbon cable,
- One Year Warranty,
- No code size limitations,
- One Year free software updates,
- Default production quota of 10,000 targets can be programmed with standard purchase. This quota is decremented on MCE-core firmware programming cycle. Additional units can be programmed with license quota renewal. Product will stop programming MCE firmware when quota is exhausted and not renewed.

Main GUI Representation:



(Specifications are subject to change without prior notice)

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