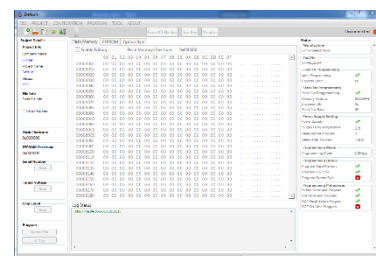# IO-FLASHER Basic – STM8

IO-FLASHER – STM8 developed in India with the help of STMicroelectronics India. IO-FLASHER – STM8 is a programming tool for STM8 series microcontroller with on-chip FLASH, EEPROM and Option Byte memory with STM8 core. IO-FLASHER – STM8 is designed to flash the target device in Stand Alone mode or host controller mode.

❖ *__Standard Programming Connector: -__* Standard 4-Pin SWIM connector compatible with STMicroelectronics STM8 Eval board programming connectors.

❖ *__Offline Mode: -__* Stand-alone SWIM programmer (Once set up, Flasher can be controlled without the use of PC program). Programming starts with simply button press.

❖ *__Online Mode: -__* Programming can be done directly from IO-FLASHER GUI.

❖ *__Dual Mode: -__* While IO-FLASHER is configured as offline mode. Its can be still used in online mode for same or different firmware code.

❖ *__Programmable Power Output: -__* No power supply required, Powered through USB. Target board can be power from IO-FLATHER. Output voltage can be adjusted from 0 Volt to ~5Volt depending on selected target device (up to 200mA to target with overload protection).

❖ *__Target Power Sensing: -__* If target is self-powered or powered from IO-FLASHER, then it can be measured by the IO-FLASHER.

❖ *__In-built Protection: -__* All external port protected with ESD, Short circuit and over current. Isolation is available in Isolated version of IO-FLASHER (e.g. IO-FLASHER -STM8/ISOL)

__Programming Options: -__ Have many programming options to program Flash, EEPROM, Option memory with auto lock feature.

❖ *__Programming Indication: -__* IO-Flashers has LED indication for ready, Programming complete and error state

❖ *__Supported devices: -__* Support for all STM8 devices
  o   STM8S, STM8L, STM8AF, STM8AL

❖ *__IO-FLASHER GUI: -__* Highly professional GUI with simple and user-friendly interface. Visit www.iotrue.com to download GUI for free.

IO-FLASH – STM8

IO-FLASH GUI