

FlashFOX

Stand-alone production programmer for Embedded In-System Programming (ISP)

- new generation of flexibly configurable in-system programmers
- highest performance and compact design
- easy integration into ATE or adapter, even for longer connections
- control via USB 3.0, LAN, WLAN, RS232 or ATE signals
- protection of your data through hardware decryption (Embedded Hardware Guarding)
- programming and validation of up to eight different devices simultaneously



Supported by:



on the basis of a decision
by the German Bundestag

Technical specifications

Performance

- highest performance with parallel programming
- support of different protocols (JTAG, SWD, DAP, SPI etc.)
- internal high-speed cache for optimum performance
- easy firmware updates

In-System Programming (ISP)

- programming of microcontrollers, flash components or PLD/FPGA
- extensive component library
- programming in the already installed state (in the system)
- alternative to on-socket programming or pre-programmed devices

Modular constructions

- compact master unit and tiny programming heads (PODs)
- up to eight programming channels with highest signal integrity
- fast communication via FlashFOX POD interface
- FlashFOX® 2: four integrated power supply channels
- control via LAN, WLAN, USB 3.0, UART or a defined ATE interface



FlashFOX with external PODs

Integration

- miniaturized POD units for easy ATE integration
- integration in ATE, functional test or in-circuit test
- reliable for industrial use in 24/7 operation
- API interface available for easy software integration into existing systems

Parameter Master Unit (FlashFOX®)

	FlashFOX® 8	FlashFOX® 8/x4	FlashFOX® 2
internal data storage	8 GB	8 GB	64 GB
programming channels	8	4 (upgrade to 8)	2
power supply channels	0	0	4
power supply	5 V	5 V	15 V
host interface	Gbit LAN, WLAN, ATE interface, USB 3.0, serial Schnittstelle (R232)	Gbit LAN, WLAN, ATE interface, USB 3.0, serial Schnittstelle (R232)	Gbit LAN, WLAN, ATE interface, USB 3.0, serial Schnittstelle (R232)
dimensions (W x D x H)	160 mm x 100 mm x 25 mm	160 mm x 100 mm x 25 mm	160 mm x 100 mm x 25 mm
integrated technologies/formats	VarioTAP, X-Bus, SCANFLEX, SVF, JAM/STAPL	VarioTAP, X-Bus, SCANFLEX, SVF, JAM/STAPL	VarioTAP, X-Bus, SCANFLEX, SVF, JAM/STAPL