SFS

Software Flashing System for ECU In-Line flashing and ECU testing

***SFS** is the solution for automatic software flashing end testing. **SFS** is a unique instrument for the programming of single and multiprocessor ECUs and for low power digital, analog and communication testing.*

MAIN FEATURES:

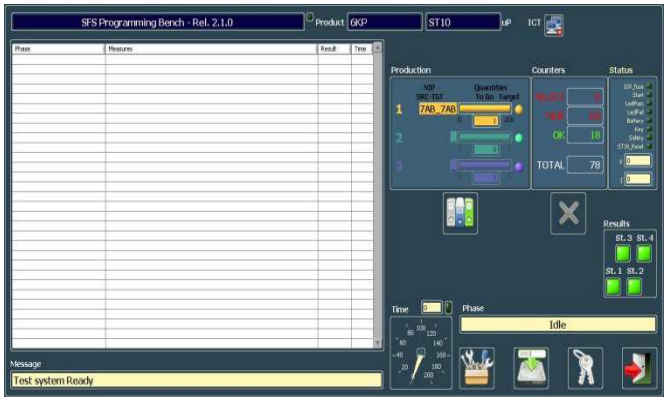
- Single power supply 220Vac
- Multiple communication BUS
- Multiple processors flashing support
- JTAG, CAN, and serial mini boot flashing
- Communication protocols test
- True power load or simulated
- Signal measurement
- Testing sequence easy to configure
- Debug section for easy trouble-shooting
- Ready to be introduced in production line

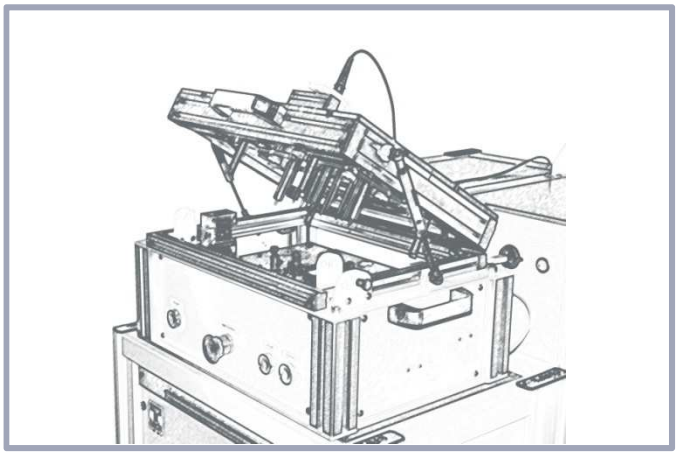
FLEXIBILITY AND MODULARITY

SFS is the ultimate solution for ECU flashing with the integration of "in-line" testing of small ECU.
SFS can be scaled on customer needs to achieve the performance suitable for the application. Moreover with its reconfigurable and customizable test sequences the system can support different product configurations.
SFS's easy to operate interface and debug capabilities offer quick setup and trouble-shooting. In addition easy unlock and release fixture allows flexible adaptation to production changes.

APPLICATIONS

- ECU Flashing systems
- Intermediate test pattern verification
- ECU reconfiguration and verification
- Automatic calibration and measurement systems
- Real-application protocols test





SFS

SELECTION GUIDE

SFS.JT is the ultimate solution for "JTAG" flashing and testing of small ECU.
SFS.CAN is a solution for ECU programming with CAN bus (the microprocessor must have a CAN port).
SFS.LC is the low-cost solution for ECU programming with Serial or KLINE.

MICROPROCESSORS SUPPORTED

Manufacturer	Families	SFS version	Processors
Infineon	C XC Tricore	SFS.CAN SFS.LC	C166, C166CBC, XC166, XE166, XC2000 On-Chip Flash, XC2000ED, XC27xx SDA6000 TC1100, TC1115, TC1130, TC116x TC176x, TC177x, TC176xED, TC176xED TC1782, TC1784, TC1796, TC1796ED TC1797, TC1797ED, TC1736, TC1784ED TC1910, TC1912, TC1920 *TC21x, TC22x, TC23x, TC24x, TC26x, TC27x, TC29x **
ST	ST STM	SFS.JT SFS.CAN	ST10, ST30F77 STM8 (SFS.JT_opt.SWIM) STM32 On-Chip Flash
freescale	Power-PC ColdFire ARM	SFS.JT SFS.CAN	PPC440, PPC460EX, PPC460GT MPC55xx, MPC56xx, SPC56xx, Qorivva MPC55xx/56xx, MPC8xxx ColdFire V2/V3/V4 Kinetis ARM(including L-series) MC56F80xx, MC56F82xx, MC56F83xx, MC56F84xx MAC7xxxARM
ST freescale		SFS.JT	*JDP Lavaredo ** *JDP Lucian ** *JDP Mc Kinley ** *JDP K2 ** *JDP Matterhorn **
ARM	ARM7 ARM9 ARM11 Cortex Xscale	SFS.JT SFS.CAN	ADuC70xx, *AT91Mx, AT91SAMx, AT91RM9200 ** Cortex-M3 STM32, LPC17xx, TX03, TMPx3 Cortex-M3 AT91SAM3, EFM32G, LM3Sxx Cortex-A8 OMAP35xx NET+ARM NS7500 LH7A400N0x, LH7A404N0x LPC2xxx, LPC3xxx STR7xx, ST30F77xx, STR91x TMS470, MAC71xx, MAC72xx i.MX1, i.MX21, i.MX25, i.MX31 Xscale IXP4x, PXA255/27xx
RENESAS	SH-2A	SFS.JT SFS.CAN	SH7251 SH7254

NOTES

Depending on the chip internal and/or external FLASH-EPROM can be programmed.
An additional appropriate hardware interface may be required.
Further devices under preparation or on request, processors from different manufacturer supported.
**** …*** will be supported as soon as specifications will be available from the manufacturer.