



DediProg

# Innovative development and production solutions for your application Serial Flash

DediProg, a total tool solution provider, has designed innovative solutions and methods to develop, debug, program in production and repair code for application using the Serial Flash memories like:

*Bios for Desktops, Laptops, servers - Printers - DTV - Wimax - Networking - Optical Disk drive - Set Top Box - LCD monitors - Graphic cards - HDD/SDD - FPGA based application - Wireless LAN - DSL and cable modems - POS machines..*

**“REDUCE YOUR TIME TO MARKET”**  
**“REDUCE YOUR PRODUCTION COST”**

## Reduce Your Development Time:

### SF100 Programmer: On board Serial Flash programming

**Features:** The SF100 programmer can directly control the application SPI bus to read or update the content of the Serial flash soldered on the board with different scenarios: Application supplied or not, chipset reset, isolation Mosfet switched OFF by SF100 for One or Two Serial Flash update..

**Performances:** High performance code update (8Mb programmed in 8sec)

**Connections:** 2.54mm, 1.27mm connectors or SO Test Clip on SO8 or SO16 package

**Benefits:** By implementing this method on your boards, you will benefit of a convenient update flexibility for code development, features adaptation and debugging in the shortest time.



SF100

SPI Flash	1Mb	2Mb	4Mb	8Mb	16Mb	32Mb	64Mb	128Mb
Program+Verify (second)	1s	2s	4s	7s	14s	37s	70s	108s

### ICP evaluation Kit: Is your application compatible with the In Circuit Programming?

**Features:** The ICP Evaluation kit has been designed to test and validate the In Circuit Programming method on your current application board without any hardware change required.

**Connection:** the ICP evaluation board is soldered in place of the application Serial flash (SO footprint)

**Benefits:** You can test all the ICP methods (application OFF/ON, resistors or Mosfet SPI isolation, application reset..), measure the current injection in your chipset IO and check the SPI signals quality with oscilloscope on your current board to validate the modification before your next hardware release.



**You are interested to benefit from the In Circuit Programming method in your application board to reduce your time to market, we will be pleased to support you. Contact our DediProg technical engineers: [support@dediprogram.com](mailto:support@dediprogram.com)**