SF100 In Circuit Serial Flash Programmer
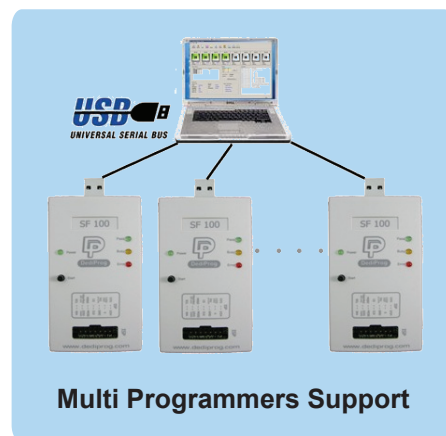
DediProg semiconductor

"REDUCE YOUR TIME TO MARKET"
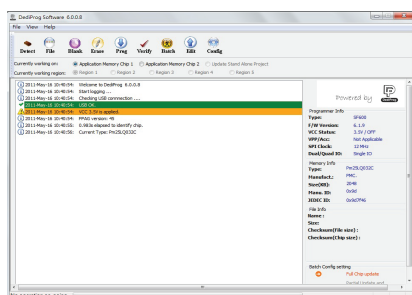## "REDUCE YOUR PRODUCTION COST"

The SF100 is a high speed "**In Circuit Programming**" programmer to update the SPI Flash soldered on board or Freescale MCU using Ezport. The programmer is easily controlled by the computer DediProg Software through the USB bus offering friendly interface and powerful features to users.

SF100 Features:

· Update Serial Flash soldered on board with application powered or not
· Update the internal Flash of Freescale MCU using the Ezport (MCF5223, MCF5221, MCF5213) or the external SPI Flash of Freescale MCU using the SBF interface (MCF5445, MCF5227)
· Control Application, controller reset and MOSFET isolation status
· Capable of handling two serial flash memories
· Signal conflict protections
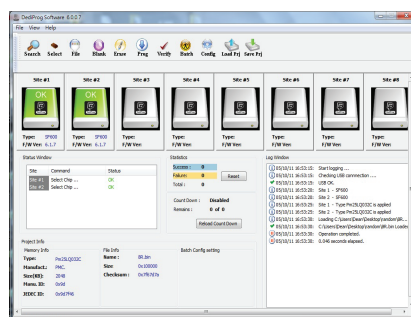· Multi-Programmers Capability

USB UNIVERSAL SERIAL BUS

Multi Programmers Support

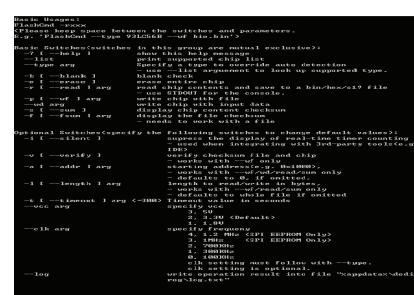| SPI Flash	1Mb	2Mb	4Mb	8Mb	16Mb	32Mb	64Mb	128Mb
Program+Verify (second)	1s	2s	4s	7s	14s	37s	70s	108s

Engineering Graphic User Interface:
For engineers and experts to access advanced features for development, repairing etc.

Production Graphic User Interface:
For operators in production to control multiple programmers and improve the throughput.

Windows Dos Command line interface:
For customers to control multi SF100 programmers (SF100 integration, Control SF100 with Production in Circuit Tester..)