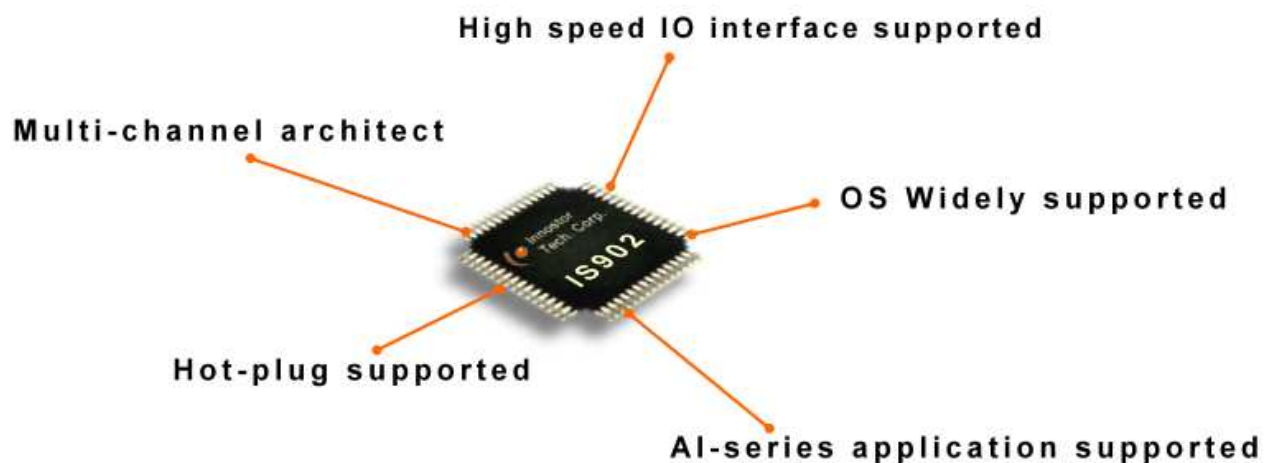




IS-902 USB 3.0 single chip UFD controller

IS902 is a USB 3.0 single chip UFD controller. Support flash up to 2xnm, low power consumption and high performance for DDR flash.



► Features

- Support 4xnm, 3xnm, 2xnm process Flash from various vendors.
- Support 2K / 4K / 8K page flash.
- Support EF-NAND Flash.
- Support ONFI 2.2 spec. interface.
- Support Toggle DDR interface.
- 2ch independent, up to 16CEs.
- Support 8 bits NAND Flash interface.
- Support bad block management.
- 6 / 24/ 27 bits ECC protection.
- Support Samsung, Toshiba and Intel/Micron , Hynix MLC/SLC NAND Flash devices
- Compliant with USB 3.0 spec. version 1.0.



- Compliant with USB 2.0 spec. backward compatible with USB1.1.
- Compliant with USB Mass Storage Class spec. version 1.0.
- 1.2V low power consumption design.
- Built-in high efficiency 3.3V-to-1.2V regulator.
- LED indicator to show link status and r/w traffic.
- Customized VID/ PID with serial number.
- Smart Auto-write protection by user friendly AP 30Mhz Crystal.
- QFN 64 (9x9 mm) package / up to total 8 CE supported. Various configuration selectable
- Operating system supported: Win 7/Vista/Win XP /2000/Me; Mac OS 9.X / X; Linux.
- Support customizable applications with FDK and SDK.

▶ **Software option**

- AI-Shield.
- AI-Burn.