



EM100Pro-G3

SPI NOR Flash Emulator

www.dediprogram.com



Dimension (W x D x H): 137 x 78 x 16mm
Weight: 125g

EM100Pro-G3 is a SPI NOR Flash emulator integrated high speed DRAM memory to offer the best code updating performance. This advanced tool has been designed in close cooperation with the SPI NOR Flash suppliers to emulate the behavior of all the SPI NOR Flash on the market and also the next generation SPI NOR Flash.

EM100Pro-G3 increases productivity by downloading firmware code or data into the emulator in a few seconds for density as large as 1Gbit. In addition, it provides "SPI BUS Analyzer" feature by collecting all the SPI command and data on the SPI bus in order to help the debugging process.

Features

- Emulate all the market SPI NOR Flash in one click
- The highest code download performances:
 - Update code in a few seconds
- Designed to support future SPI NOR Flash evolution:
 - 1.8V/3.3V, up to 50MHz for Single IO, Dual IO and Quad IO, 512Kbit~4Gbit
- Support Dual and Quad IO communication
- Display and edit memory content evolution
- Debug functions:
 - SPI Protocol analyzer and SPI HyperTerminal
 - High speed internal buffer for SPI Trace log data saving
 - Suitable with Intel motherboard
 - EM100Pro-G3 can connect with Intel motherboard by specific adaptor (optional)

Performance (Erase+Program+Verify)

IC Density	Programmer	EM100Pro-G2	EM100Pro-G3
8Mb	9s	3s	3s
16Mb	13s	3s	3s
32Mb	16s	3s	3s
64Mb	38s	3s	3s
128Mb	75s	3s	3s
256Mb	115s	5s	3s
512Mb	200s	10s	5s
1Gb	N/A	20s	10s
2Gb	N/A	40s	20s

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