

Flash Memory Tester / FS1000

Testing capacity	32 Gb
Storage depth	32 Gb (max)
Data bit width	8/16 bits
Multi-site testing	6 sites/ tester
PC interface	up to 4 testers simultaneously
Operation	Erase block; Program block; Read block; Read cache mode; Program cache mode; Read ID; Program ID; Boot block selection;
Read/program	invalid block
Testing patterns	Neighbor march; Neighbor march ext.; Mats;
User	defined pattern
Adjustable timing	
Setup/hold time	0 to 90 ns (max depends on access frequency)
Access time tREA	0 to ½ cycle time (1ns accuracy)
Access frequency	10 to 80 MHz
Testing time (for 1Gbit)	
Erase	2 to 3 sec
Program (cache on)	3 to 720 ms
Program (cashe off)	300 to 720 ms
Read (cashe on)	3 to 26 ms
Read (cashe off)	26 ms
Testing Voltage (DUTVcc)	1.5 to 2.0V; 2.7 to 3.6V step 0.05V @ 1.0 A (max)
DC measurement	
Icc (idle/read/program /erase)	0 to 1A step 10mA
Ileak (leakage current)	0 to 40uA ; 0 to 400uA; 0 to 4mA; 0 to 40mA step 0.1%
Dimension (LxWxH)	11.5" x 10" x 5"
Weight	6 pounds
Power supply	110/240Vac switchable 50/60 Hz
Requirement	800MHz or higher PC system with at least 128MB100; Must be in Windows 2000 or XP with Net framework 1.1; At least 100MB free space in hard drive; One free USB port
Windows	
Option	MMC, SD, MS testing adaptors Package of configuring setup for specific application testing Sorting option

