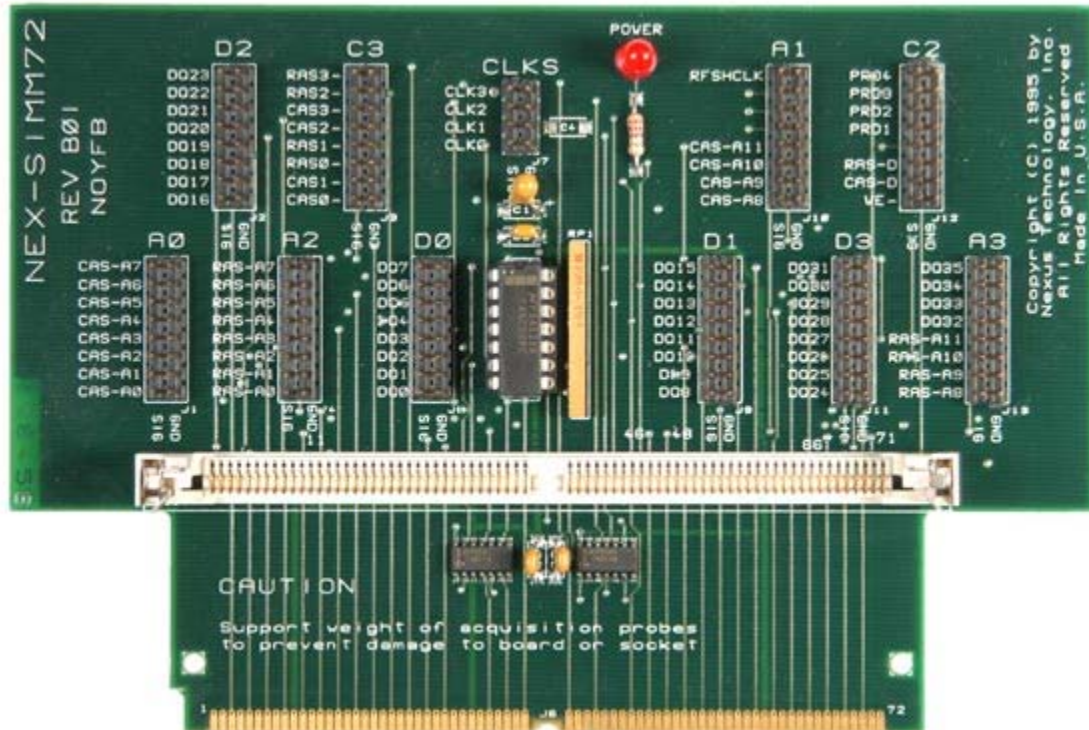


## NEX-SIMM72



- Quick & easy connection between a 72-pin SIMM Bus & Tek Logic Analyzer
- Logic Analyzer Setup Software gets you up and running fast
- Symbolic Disassembly of Bus Transactions
- Correlation with data acquired from other acquisition modules
- Can be used as an Extender Card for the SIMM under test
- Unique features when using a TLA600 or TLA700
  - Timing Analysis to 8GHz (125ps) on each channel
  - Simultaneous State & Timing acquisition on each channel
  - Trigger on setup/hold violations on all channels

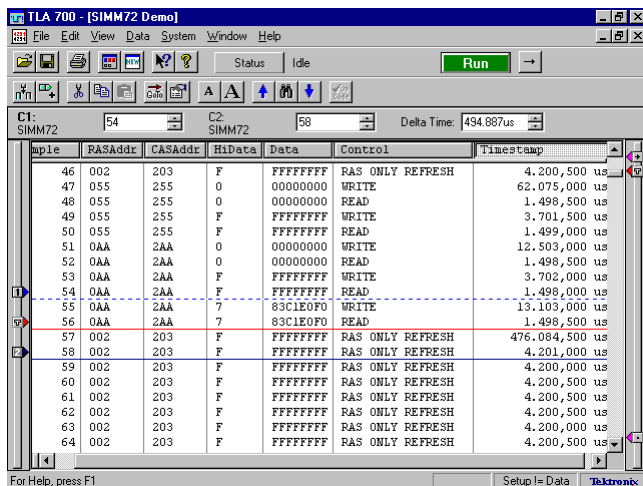
## General Description

The NEX-SIMM72 Bus Adapter package is designed to connect to an industry standard 72-pin SIMM connector. It provides clocking, setup, symbolic display of information, and a quick convenient connection to the SIMM bus. NEX-SIMM72 includes a 72-pin SIMM Bus Adapter Module, software to configure the Logic Analyzer and a Users Manual.

The NEX-SIMM72 adapter module plugs into an industry standard 72-pin SIMM connector.

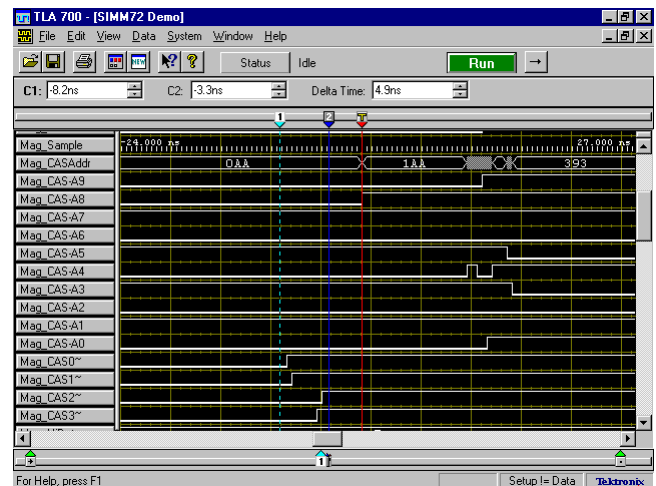
While the NEX-SIMM72 package is being used to monitor the SIMM bus activity, another acquisition module can be used to monitor activity elsewhere within the system. The results of the two acquisitions can be correlated in time to determine the sequence of actions that occurred. For instance, the system microprocessor could be monitored and correlated with SIMM activity to verify the proper RAS / CAS cycles.

## Symbolic Disassembly



Sample	RASAddr	CASAddr	HiData	Data	Control	Timestamp
46	002	203	F	FFFFFFFF	RAS ONLY REFRESH	4.200,500 us
47	055	255	0	00000000	WRITE	62.075,000 us
48	055	255	0	00000000	READ	1.498,500 us
49	055	255	F	FFFFFFFF	WRITE	3.701,500 us
50	055	255	F	FFFFFFFF	READ	1.499,000 us
51	0AA	2AA	0	00000000	WRITE	12.503,000 us
52	0AA	2AA	0	00000000	READ	1.498,500 us
53	0AA	2AA	F	FFFFFFFF	WRITE	3.702,000 us
54	0AA	2AA	F	FFFFFFFF	READ	1.498,000 us
55	0AA	2AA	7	83C1E0F0	WRITE	13.103,000 us
56	0AA	2AA	7	83C1E0F0	READ	1.498,500 us
57	002	203	F	FFFFFFFF	RAS ONLY REFRESH	476.084,500 us
58	002	203	F	FFFFFFFF	RAS ONLY REFRESH	4.201,000 us
59	002	203	F	FFFFFFFF	RAS ONLY REFRESH	4.200,000 us
60	002	203	F	FFFFFFFF	RAS ONLY REFRESH	4.200,500 us
61	002	203	F	FFFFFFFF	RAS ONLY REFRESH	4.200,500 us
62	002	203	F	FFFFFFFF	RAS ONLY REFRESH	4.200,500 us
63	002	203	F	FFFFFFFF	RAS ONLY REFRESH	4.200,000 us
64	002	203	F	FFFFFFFF	RAS ONLY REFRESH	4.200,500 us

## Timing Analysis



## Tektronix Logic Analyzers Supported

TLA600 or TLA700 with a minimum of 102 channel acquisition module  
TLA510 or TLA520 (one acquisition module used)  
DAS9200 with a 92A96, 92C96 (any memory depth) or 92A90  
Prism 3000 with a 32GPX or 32GPD

## Ordering / Contact Information

**Part Number** NEX-SIMM72

**Includes:** NEX-SIMM adapter board  
NEX-SIMM72 Software for: DAS9200, TLA510/520 3½" floppy, TLA600/700 3½" floppy  
Support for DAS9200 5¼" drive or Prism 3000 available upon request  
Manual

**Postal:** Nexus Technology, Inc.  
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techsupport@nexustechnology.com

**Website:** [www.nexustechnology.com](http://www.nexustechnology.com)

### Placing an Order

Credit Card orders can be placed directly at 877-595-8116.  
Purchase orders can be faxed to 877-595-8118.

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