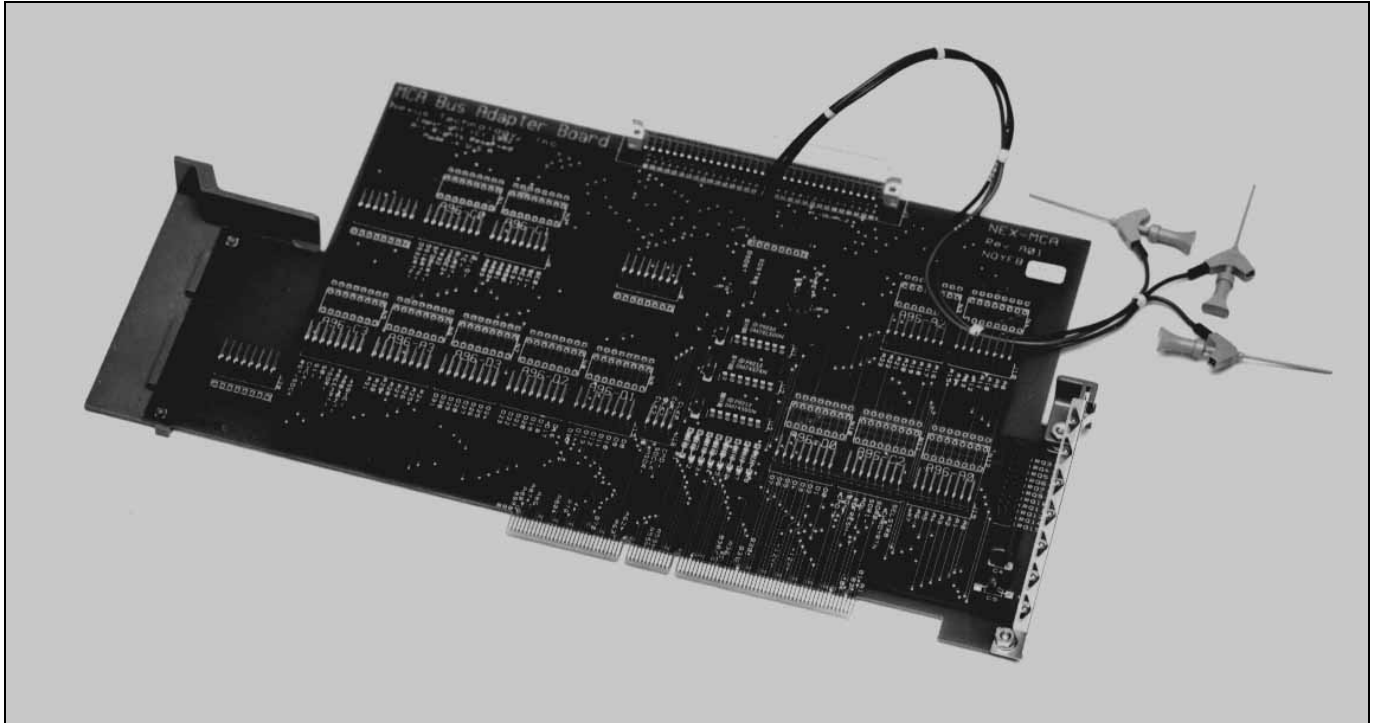


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## NEX-MCA

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- Quick & easy connection between a MCA 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
- Supports 8, 16 or 32-bit data transfers
- Unique features when using a TLA600 or TLA700 Disassembly of CARDBUS
  - Timing Analysis to 8GHz (125ps) on each channel
  - Simultaneous State and Timing acquisition on each channel
  - Trigger on setup/hold violations on all channels

## General Description

The NEX-MCA Bus Adapter package provides clocking, setup, symbolic display of information, and a quick convenient connection to the MCA bus. NEX-MCA includes a MCA Bus Adapter Module, software to configure the Logic Analyzer and a Users Manual.

The NEX-MCA adapter module plugs into any Micro Channel slot.

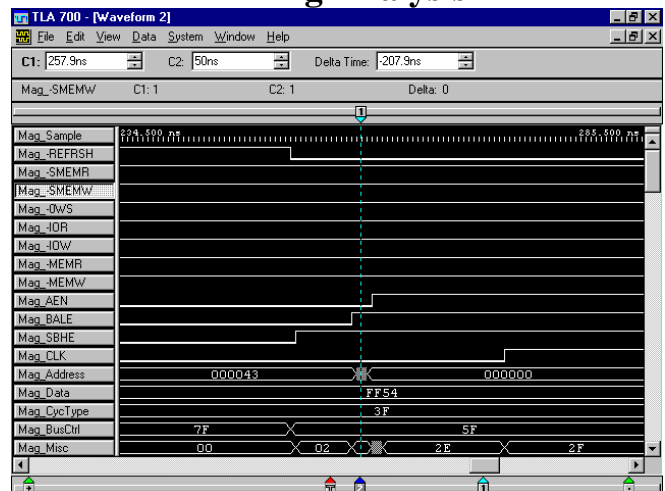
Clips are provided to be used in acquiring the Micro Channel Matched Memory and slot specific signals.

While the NEX-MCA package is being used to monitor the MCA 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 MCA activity to verify the proper Read / Write operations.

### Symbolic Disassembly

Sample	Address	Data	CycType	BusCtrl	Timestamp
11	FFFFFF	FFFF	MEMW	8-BIT	978.000 ns
12	FFFFFF	FFFF	MEMW	8-BIT	978.000 ns
13	FFFFFF	FFFF	MEMW	8-BIT	977.500 ns
14	FFFFFF	FFFF	MEMW	8-BIT	978.000 ns
15	FFFFFF	FFFF	MEMW	8-BIT	977.500 ns
16	FFFFFF	FFFF	MEMW	8-BIT	978.000 ns
17	FFFFFF	FFFF	MEMW	8-BIT	978.000 ns
18	FFFFFF	FFFF	MEMW	8-BIT	977.500 ns
19	FFFFFF	FFFF	MEMW	8-BIT	978.000 ns
20	FFFFFF	FFFF	MEMW	8-BIT	978.000 ns
21	FFFFFF	FFFF	MEMW	8-BIT	978.000 ns
22	FFFFFF	FFFF	MEMW	8-BIT	977.500 ns
23	000043	5454	IOW	8-BIT	316.572,375,500 ns
24	FFFC00	FFFF	MEMR	REFRESH	842.000 ns
25	0FE3B0	C1C1	SMEMR	8-BIT	555.000 ns
26	0FE3B1	EAEA	SMEMR	8-BIT	418.500 ns
27	0FE3B2	1010	SMEMR	8-BIT	419.500 ns
28	0FE3B3	E9E9	SMEMR	8-BIT	419.000 ns
29	0FE3B4	CACA	SMEMR	8-BIT	978.000 ns
30	0FE3B5	0202	SMEMR	8-BIT	419.000 ns
31	0FE3B6	6666	SMEMR	8-BIT	419.000 ns
32	0FE3B7	C1C1	SMEMR	8-BIT	419.500 ns
33	0FE3B8	E3E3	SMEMR	8-BIT	977.500 ns
34	0FE3B9	1010	SMEMR	8-BIT	419.000 ns

### 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-MCA

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

**Postal:** Nexus Technology, Inc.  
78 Northeastern Blvd. #2  
Nashua, NH 03062

**Telephone:** 877-595-8116

**Fax:** 877-595-8118

**Email:** support@nexustechnology.com  
quotes@nexustechnology.com  
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.