

**TLA700 Series Tektronix Logic Analyzer
Declassification and Security
Instructions**

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For product information, sales, service, and technical support:

- In North America, call 1-800-833-9200.
- Worldwide, visit www.tektronix.com to find contacts in your area.

Logic Analyzer Technical Report

Date: June 28, 2005

Subject: Memory Erasure & Parts in TLA714, TLA715, TLA720, TLA721.

MEMORY ERASURE PROCEDURE

These products contain an open architecture PC with REMOVABLE hard drive (an option for a second internal hard drive is also available). All user storable data is stored on the removable and the internal (if optioned) hard drive. There are DOD approved scrubbing software packages available for the hard drive(s). We have no recommendations regarding the available packages. After the hard drive(s) have been scrubbed, you can reinstall the operating system using the Image CD that came with the Logic Analyzer. This returns the Logic Analyzer hard drive to the initial factory shipped state.

Another approach, if no internal hard drive has been optioned, is that you can simply remove the removable hard drive. It is located on side panel for easy removal. This drive can then be stored or destroyed. Additional hard drives can be purchased from Tektronix with a hard disk image of Windows 2000 and the TLA logic analyzer application. The new hard drives can then be inserted and the instrument is returned to its "like new" factory default configuration.

Remove setup information from the BIOS by resetting the BIOS to default on power-up. Next, follow the "Setting Up the TLA700 Controller BIOS" procedure shown in the manual that came with the product. If the TLA Application software has been updated, use the "Setting Up the TLA700 Controller BIOS" procedure shown in the manual that came with the newer software.

Remove all floppy disks and format them (don't use "Quick Format"), store them, or destroy them.

Remove all CDs. Rewritable CDs can be formatted, stored or destroyed. Non-rewritable CDs can either be stored or destroyed.

If you have any questions, contact the Tektronix Technical Support Center at 1-800-833-9200*3.

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MEMORY PARTS – TLA714

039-0047-01 – Controller Board (made by the Radisys Corp.)

Part Number	Reference designator	Description	Qty
E28F400B5-T80 TSOP48	U53	IC, BIOS	1
64KX32100TQFP	U15	IC, Cache	1
156-8389-00	U5	IC, SODIMM, DRAM, 64 MB (made by Micron Technology, Inc.)	1 standard
156-4858-00	U5	IC, SODIMM, DRAM, 128 MB (made by Micron Technology, Inc.)	1 optional
156-8389-00	U6	IC, SODIMM, DRAM, 64 MB (made by Micron Technology, Inc.)	1 optional
156-4858-00	U6	IC, SODIMM, DRAM, 128 MB (made by Micron Technology, Inc.)	1 optional

671-3487-01 – Front Panel Board

Part Number	Reference designator	Description	Qty
156-6990-00	U201 U202	IC, Processor; CMOS, 8-BIT, 15K EPROM, 352 Bytes RAM, 576 Bytes ROM	2

Hard Disk Drive(s)

Part Number	Reference designator	Description	Qty
119-6493-00	Hard Disk Drive	Hard Disk Drive, Winchester, 2.5 in, 10 GB, Single Platter	1 standard
119-6494-01	Hard Disk Drive	Hard Disk Drive, Winchester, 2.5 in, 30 GB, Single Platter	1 optional

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MEMORY PARTS – TLA715

039-0114-04 – Controller Board (made by the Radisys Corp.)

Part Number	Reference designator	Description	Qty
Intel 82802 Firmware Hub	U40	IC, BIOS	1
156-4857-00	SODIMM#1 SODIMM#2	SODIMM, DRAM, 256 MB (made by Micron Technology, Inc.)	1 standard 1 optional

671-5344-00 – Front Panel Board

Part Number	Reference designator	Description	Qty
156-6990-00	U201 U202	IC, Processor; CMOS, 8-BIT, 15K EPROM, 352 Bytes RAM, 576 Bytes ROM	2

Hard Disk Drive(s)

Part Number	Reference designator	Description	Qty
119-6833-00	Hard Disk Drive	Hard Disk Drive, UDMA100, 2.5 in, 20 GB, Single Platter, Removable	1 standard
119-6751-00	Hard Disk Drive	Hard Disk Drive, UDMA100,, 2.5 in, 60 GB, Internal	1 optional

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MEMORY PARTS – TLA720, TLA721

671-3982-02 – Enhanced Monitor Board

Part Number	Reference designator	Description	Qty
160-9691-01	U24	IC, Memory, CMOS, EPROM, 64K X 16	1
156-6421-01	U29 U31 U32 U34	IC, Memory, CMOS, DRAM, 1MEG X 4	4
156-6461-01	U22 U24 U25	IC, Memory, CMOS, Flash, 256K X 8	3
156-4522-00	U44	IC, Memory, CMOS, PROM, 212K X 1	1
156-6510-01	U1	IC, Memory, CMOS, EPROM, 1K X 8, Serial	1

MEMORY PARTS – TLA720

039-0048-02 – Controller Board (made by the Radisys Corp.)

Part Number	Reference designator	Description	Qty
E28F400B5-T80 TSOP48	U53	IC, BIOS	1
64KX32100TQFP	U15	IC, Cache	1
156-8389-00	U5	IC, SODIMM, DRAM, 64 MB (made by Micron Technology, Inc.)	1
156-4858-00	U5	IC, SODIMM, DRAM, 128 MB (made by Micron Technology, Inc.)	1 optional
156-8389-00	U6	IC, SODIMM, DRAM, 64 MB (made by Micron Technology, Inc.)	1
156-4858-00	U6	IC, SODIMM, DRAM, 128 MB (made by Micron Technology, Inc.)	1 optional

Hard Disk Drive(s)

Part Number	Reference designator	Description	Qty
119-6494-01	Hard Disk Drive	Hard Disk Drive, Winchester, 2.5 in, 30 GB, Single Platter	1 standard
119-6832-00	Hard Disk Drive	Hard Disk Drive, Winchester, 2.5 in, 40 GB, Single Platter	1 optional

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MEMORY PARTS – TLA721

039-0015-04 – Controller Board (made by the Radisys Corp.)

Part Number	Reference designator	Description	Qty
Intel 82802 Firmware Hub	U40	IC, BIOS	1
156-4857-00	SODIMM	SODIMM, DRAM, 256 MB (made by Micron Technology, Inc.)	2

Hard Disk Drive(s)

Part Number	Reference designator	Description	Qty
119-6751-00	Hard Disk Drive	Hard Disk Drive, Winchester, 2.5 in, 60 GB, Single Platter	1 standard
119-6751-00	Hard Disk Drive	Hard Disk Drive, Winchester, 2.5 in, 60 GB, Single Platter	1 optional

If you have any questions, contact the Tektronix Technical Support Center at 1-800-833-9200*3.