

**TLA600 Series Tektronix Logic Analyzer
Declassification and Security
Instructions**

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Contacting Tektronix

Tektronix, Inc.
14200 SW Karl Braun Drive
P.O. Box 500
Beaverton, OR 97077
USA

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: Feb. 8, 2005

Subject: Memory Erasure & Parts in TLA601, TLA602, TLA603, TLA604, TLA611, TLA612, TLA613, TLA614, TLA621, TLA622, TLA623, TLA624.

MEMORY ERASURE PROCEDURE

These products contain an open architecture PC with an internal hard drive. All user storable data is stored on the internal hard drive. There are DOD approved scrubbing software packages available for the hard drive. We have no recommendations regarding the available packages. After the hard drive has 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.

Turn the power off for at least 20 seconds to clear volatile memory. NVRAM does not contain any acquisition data (only cal constants, etc.).

Remove setup information from the BIOS by resetting the BIOS to default on power-up.

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.

MEMORY PARTS – TLA601, TLA602, TLA603, TLA604, TLA611, TLA612, TLA613, TLA614, TLA621, TLA622, TLA623, TLA624

Mainframe

Part Number	Reference designator	Description	Qty
119-6733-00	Hard Disk Drive	Hard Disk Drive, Winchester, 2.5 in, 20 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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039-0077-00 – Motherboard (Intel SU810)

Part Number	Reference designator	Description	Qty
156-9074-00	DIMM#1 DIMM#2	DIMM, DRAM, 256 MB (made by Micron Technology, Inc.)	1 standard 1 optional

MEMORY PARTS – TLA601

671-4818-02 – Acquisition/Processor Board

Part Number	Reference designator	Description	Qty
156-4224-00	U740	IC, Memory, CMOS, NVRAM, 8K X 8, Integral Battery	1
156-7366-00	U0761 U0840 U760 U940	IC, Memory, DRAM, CMOS, 1MEG X 16	4
156-8036-00	U754	IC, Memory, CMOS, Flash, 1MEG X 16	1
156-8777-00	U0421 U0422 U0440 U0520 U0522 U0540 U420 U423 U441 U521 U523 U541	IC, Memory, CMOS, SRAM, 64K X 32	12

MEMORY PARTS – TLA602

671-4819-02 – Acquisition/Processor Board

Part Number	Reference designator	Description	Qty
156-4224-00	U740	IC, Memory, CMOS, NVRAM, 8K X 8, Integral Battery	1
156-7366-00	U0761 U0840 U760 U940	IC, Memory, DRAM, CMOS, 1MEG X 16	4
156-8036-00	U754	IC, Memory, CMOS, Flash, 1MEG X 16	1
156-8777-00	U0400 U0421 U0422 U0440 U0500 U0520 U0522 U0540 U401 U420 U423 U441 U501 U521 U523 U541	IC, Memory, CMOS, SRAM, 64K X 32	16

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MEMORY PARTS – TLA603

671-4820-02 – Acquisition/Processor Board

Part Number	Reference designator	Description	Qty
156-4224-00	U740	IC, Memory, CMOS, NVRAM, 8K X 8, Integral Battery	1
156-7366-00	U0761 U0840 U760 U940	IC, Memory, DRAM, CMOS, 1MEG X 16	4
156-8036-00	U754	IC, Memory, CMOS, Flash, 1MEG X 16	1
156-8777-00	U0400 U0410 U0421 U0422 U0440 U0500 U0510 U0520 U0522 U0540 U401 U0411 U420 U423 U441 U501 U511 U521 U523 U541	IC, Memory, CMOS, SRAM, 64K X 32	20

MEMORY PARTS – TLA604

671-4821-02 – Acquisition/Processor Board

Part Number	Reference designator	Description	Qty
156-4224-00	U740	IC, Memory, CMOS, NVRAM, 8K X 8, Integral Battery	1
156-7366-00	U0761 U0840 U760 U940	IC, Memory, DRAM, CMOS, 1MEG X 16	4
156-8036-00	U754	IC, Memory, CMOS, Flash, 1MEG X 16	1
156-8777-00	U0400 U0410 U0421 U0422 U0440 U0450 U0500 U0510 U0520 U0522 U0540 U0550 U401 U0411 U420 U423 U441 U451 U501 U511 U521 U523 U541 U551	IC, Memory, CMOS, SRAM, 64K X 32	24

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MEMORY PARTS – TLA611, TLA612, TLA613, TLA614

671-4822-02 – Interface Board

Part Number	Reference designator	Description	Qty
156-8619-00	U361	IC, Flash Memory, 128K X 8	1
156-6272-00	U680 U0360	IC, CMOS, EEPROM, 128K X 8	2

671-4823-01– Front Panel Board

Part Number	Reference designator	Description	Qty
156-8445-00	U12	IC, Processor, CMOS, EPROM 8 KB	1
156-8752-00	U8	IC, Processor, CMOS, EPROM 8 KB	1

MEMORY PARTS – TLA611

671-4818-02 – Acquisition/LPU Board

Part Number	Reference designator	Description	Qty
156-4224-00	U740	IC, Memory, CMOS, NVRAM, 8K X 8, Integral Battery	1
156-7366-00	U0761 U0840 U760 U940	IC, Memory, DRAM, CMOS, 1MEG X 16	4
156-8036-00	U754	IC, Memory, CMOS, Flash, 1MEG X 16	1
156-8777-00	U0421 U0422 U0440 U0520 U0522 U0540 U420 U423 U441 U521 U523 U541	IC, Memory, CMOS, SRAM, 64K X 32	12

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MEMORY PARTS – TLA612

671-4819-02 – Acquisition/LPU Board

Part Number	Reference designator	Description	Qty
156-4224-00	U740	IC, Memory, CMOS, NVRAM, 8K X 8, Integral Battery	1
156-7366-00	U0761 U0840 U760 U940	IC, Memory, DRAM, CMOS, 1MEG X 16	4
156-8036-00	U754	IC, Memory, CMOS, Flash, 1MEG X 16	1
156-8777-00	U0400 U0421 U0422 U0440 U0500 U0520 U0522 U0540 U401 U420 U423 U441 U501 U521 U523 U541	IC, Memory, CMOS, SRAM, 64K X 32	16

MEMORY PARTS – TLA613

671-4820-02 – Acquisition/LPU Board

Part Number	Reference designator	Description	Qty
156-4224-00	U740	IC, Memory, CMOS, NVRAM, 8K X 8, Integral Battery	1
156-7366-00	U0761 U0840 U760 U940	IC, Memory, DRAM, CMOS, 1MEG X 16	4
156-8036-00	U754	IC, Memory, CMOS, Flash, 1MEG X 16	1
156-8777-00	U0400 U0410 U0421 U0422 U0440 U0500 U0510 U0520 U0522 U0540 U401 U411 U420 U423 U441 U501 U511 U521 U523 U541	IC, Memory, CMOS, SRAM, 64K X 32	20

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MEMORY PARTS – TLA614

671-4821-01 – Acquisition/LPU Board

Part Number	Reference designator	Description	Qty
156-4224-00	U740	IC, Memory, CMOS, NVRAM, 8K X 8	1
156-7366-00	U0761 U0840 U760 U940	IC, Memory, DRAM, CMOS, 1MEG X 16	4
156-8036-00	U754	IC, Memory, CMOS, Flash, 1MEG X 16	1
156-8777-00	U0400 U0410 U0421 U0422 U0440 U0450 U0500 U0510 U0520 U0522 U0540 U0550 U401 U411 U420 U423 U441 U451 U501 U511 U521 U523 U541 U551	IC, Memory, CMOS, SRAM, 64K X 32	24

MEMORY PARTS – TLA621, TLA622, TLA623

671-4822-02 – Interface Board

Part Number	Reference designator	Description	Qty
156-8619-00	U361	IC, Memory, CMOS, Flash; 128K X 8	1
156-6272-00	U680 U0360	IC, Memory, PRGM, CMOS, EEPROM, 256K X 8	2

671-4823-01– Front Panel Board

Part Number	Reference designator	Description	Qty
156-8445-00	U12	IC, Processor, CMOS, EPROM 8 KB	1
156-8752-00	U8	IC, Processor, CMOS, EPROM 8 KB	1

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MEMORY PARTS – TLA621

671-5240-02 – Acquisition/LPU Board

Part Number	Reference designator	Description	Qty
156-4224-00	U740	IC, Memory, CMOS, NVRAM, 8K X 8, Integral Battery	1
156-7366-00	U0761 U0840 U760 U940	IC, Memory, DRAM, CMOS, 1MEG X 16	4
156-8036-00	U754	IC, Memory, CMOS, Flash, 1MEG X 16	1
156-8779-00	U0421 U0422 U0440 U0520 U0522 U0540 U420 U423 U441 U521 U523 U541	IC, Memory, CMOS, SRAM, 256K X 32	12

MEMORY PARTS – TLA622

671-5241-02 – Acquisition/LPU Board

Part Number	Reference designator	Description	Qty
156-4224-00	U740	IC, Memory, CMOS, NVRAM, 8K X 8, Integral Battery	1
156-7366-00	U0761 U0840 U760 U940	IC, Memory, DRAM, CMOS, 1MEG X 16	4
156-8036-00	U754	IC, Memory, CMOS, Flash, 1MEG X 16	1
156-8779-00	U0400 U0421 U0422 U0440 U0500 U0520 U0522 U0540 U401 U420 U423 U441 U501 U521 U523 U541	IC, Memory, CMOS, SRAM, 256K X 32	16

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MEMORY PARTS – TLA623

671-5242-02 – Acquisition/LPU Board

Part Number	Reference designator	Description	Qty
156-4224-00	U740	IC, Memory, CMOS, NVRAM, 8K X 8, Integral Battery	1
156-7366-00	U0761 U0840 U760 U940	IC, Memory, DRAM, CMOS, 1MEG X 16	4
156-8036-00	U754	IC, Memory, CMOS, Flash, 1MEG X 16	1
156-8779-00	U0400 U0410 U0421 U0422 U0440 U0500 U0510 U0520 U0522 U0540 U401 U411 U420 U423 U441 U501 U511 U521 U523 U541	IC, Memory, CMOS, SRAM, 256K X 32	20

MEMORY PARTS – TLA624

671-4822-02 – Interface Board

Part Number	Reference designator	Description	Qty
156-8619-00	U361	IC, Flash Memory, 128K X 8	1
156-6272-00	U680 U0360	IC, CMOS, EEPROM, 128K X 8	2

671-4823-01– Front Panel Board

Part Number	Reference designator	Description	Qty
156-8445-00	U12	IC, Processor, CMOS, EPROM 8 KB	1
156-8752-00	U8	IC, Processor, CMOS, EPROM 8 KB	1

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671-5243-02 – Acquisition/LPU Board

Part Number	Reference designator	Description	Qty
156-4224-00	U740	IC, Memory, CMOS, NVRAM, 8K X 8, Integral Battery	1
156-7366-00	U0761 U0840 U760 U940	IC, Memory, DRAM, CMOS, 1MEG X 16	4
156-8036-00	U754	IC, Flash Memory, 2 MEG X 8	1
156-8779-00	U0400 U0410 U0420 U0421 U0422 U0440 U0450 U0500 U0510 U0520 U0522 U0540 U0550 U401 U411 U423 U441 U451 U501 U511 U521 U523 U541 U551	IC, Memory, CMOS, SRAM, 256K X 32	24

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