



Consumer Product Service
Manager of Technical Support
UPGRADE BULLETIN

number 1

MODEL: ATARI 400/800 COMPUTERS

DATE: May 23, 1982

SUBJECT:

GTIA Chip

CHANGE DESCRIPTION:

New units manufactured by Atari contain the Graphic Television Interface Adapt (GTIA) chip on the CPU printed circuit board. The GTIA chip is an enhancement of the Color Television Interface Adapter (CTIA) chip and may be purchased as an upgrade to existing units.

Part Location - CPU printed circuit board location A301.

INSTALLATION PROCEDURES:

For troubleshooting, installation, and testing, observe warnings or cautions stated in Atari Home Computer Division 400/800 Home Computer System Field Service Manual. Before a chip or board is added to or removed from the system, power the system down.

Follow disassembly instructions in 400/800 Field Service Manual.

Remove CO12295 from location A301 on CPU printed circuit board.

Install CO14805 in location A301 on CPU printed circuit board.

TESTING PROCEDURES:

Follow standard Test Procedures using Atari Stand Alone Test (Diagnostic) as outlined in Atari 400/800 Computer System Service Manual.

CONSUMER INFORMATION:

The GTIA chip adds three graphics modes accessible with BASIC for a total of eleven different graphics modes in BASIC and 256 different colors.

The GTIA chip is fully compatible with software written to run on existing CTIA units. Software which is written to run on the GTIA chip using its enhanced features is not displayed correctly with CTIA units.



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MODEL: ATARI 40/600 COMPUTERS

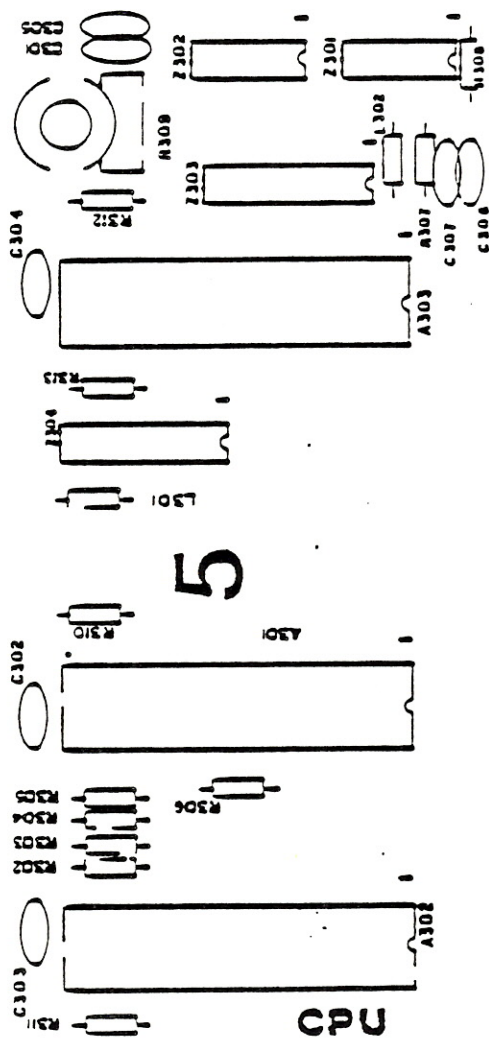
DATE: _____

PARTS DISPOSITION:

Not Applicable

ENCLOSURES:

CPU Silk Screen



CPU Board Silkscreen