



Consumer Product Service
Manager of Technical Support
TECH TIP

TT
HCD
number 19

MODEL: ATARI 1200XL CPU

DATE: August 15, 1983

SUBJECT:

No Picture on Star Raiders™.

PROBLEM:

Some 1200XL CPU's display no picture when the Star Raiders cartridge is powered up.

DESCRIPTION:

The reset timing to the 6502 CPU is incorrect for the cartridge. The placement of a 1000pF (NPO, 50VDC) capacitor between Pins 3 and 7 on U16 eliminates this problem.

SOLUTION:

Solder one lead of a .001uF NPO, 50VDC capacitor (C014181-01) to Pin 3 of U16, and the other lead to Pin 7 of U16.

TESTING AND TROUBLESHOOTING:

These changes do not affect the troubleshooting procedures outlined in the 1200XL Home Computer Field Service Manual (FD100217).

DIFFICULTY REPORTING:

If you have questions or require further explanation concerning this Tech. Tip, contact your Atari Techline Specialist:

Inside California
(800) 672-1466

Outside California
(800) 538-1535