



# NSC

## Apple II Computer No Slot Clock

November 6, 2019

Installation Manual

**NSC**



Apple II Computer No Slot Clock

## Customer Satisfaction

The No Slot Clock (NSC) comes with a lifetime warranty to you the original purchaser.

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The No Slot Clock (NSC) will enable the Apple //c to have a ProDOS compatible clock. It works by patching ProDOS to allow it to see the Clock.

Installation of the NSC requires that you disassemble your Apple //c.

You will need an I.C. extracting tool, or small flat blade screw driver.

The NSC will be installed in the ROM socket at location D-19 on the mainboard. The existing ROM will be re-installed on top of the clock.

- 1) Remove the top half of the case on your Apple //c
- 2) Remove the keyboard (it lifts out and the connector pulls off of the motherboard)
- 3) Familiarize yourself with what you see: (see Mainboard Image next page)
- 4) Locate the ROM chip. It will be either 342-0272 or 342-0033. (It could be something else)
- 5) Being careful to not bend any pins, install the NSC into the empty socket (Watch for pin #1)
- 6) Re-install your ROM into the socket at location D-19m on the main board making sure to put the notch to the left and not bend any pins. Push firmly to make sure everything is tight
- 7) Reassemble your computer.

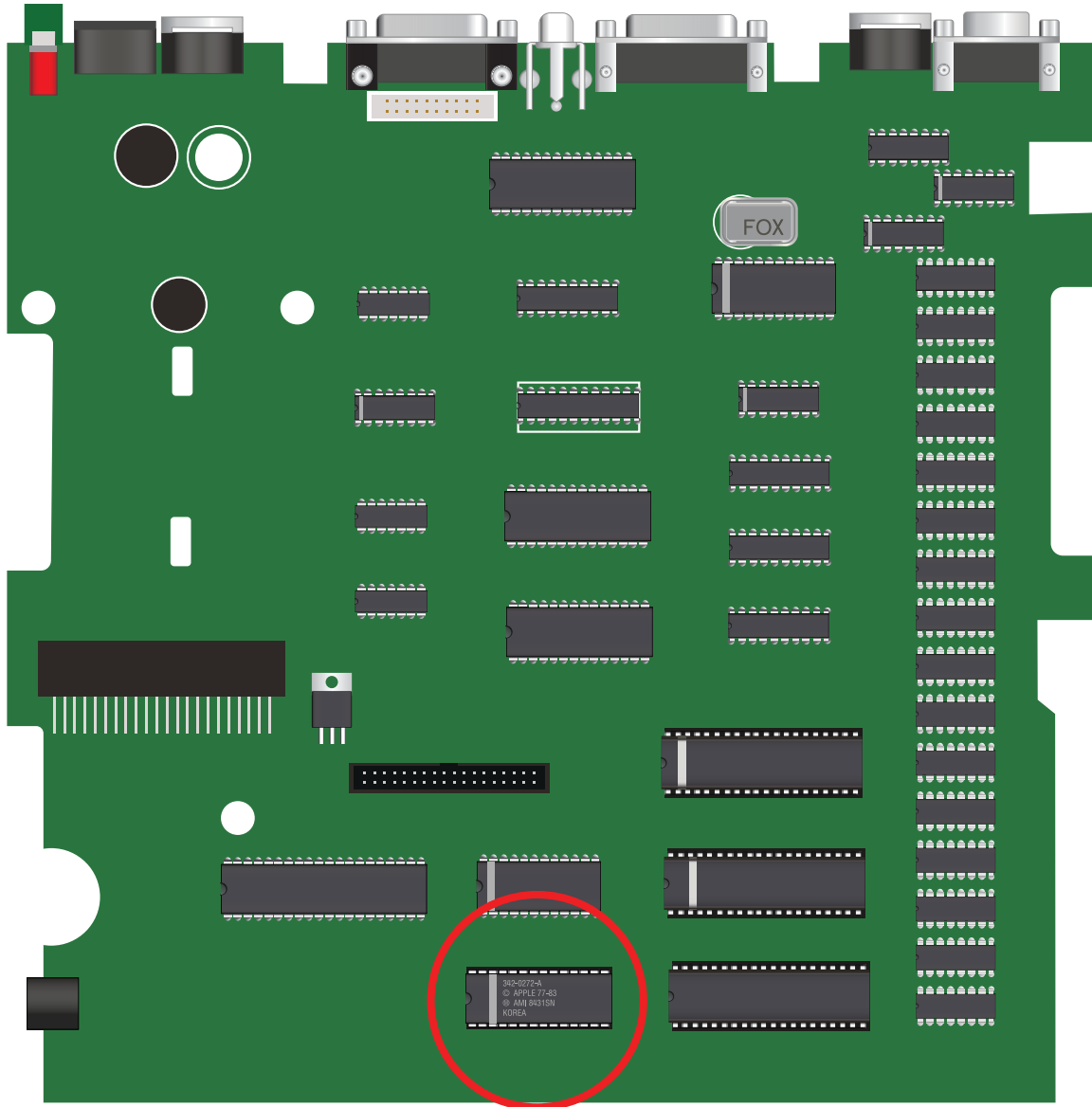
You are done!

Boot the NSC disk and set the Clock

Then install the ProDOS patch and it's ready to be used. ProDOS will automatically time and date stamp your files.

**Note:** If your //c or //c plus is accelerated, the NSC software will not run correctly. Be sure to disable any acceleration first, then set the Clock.

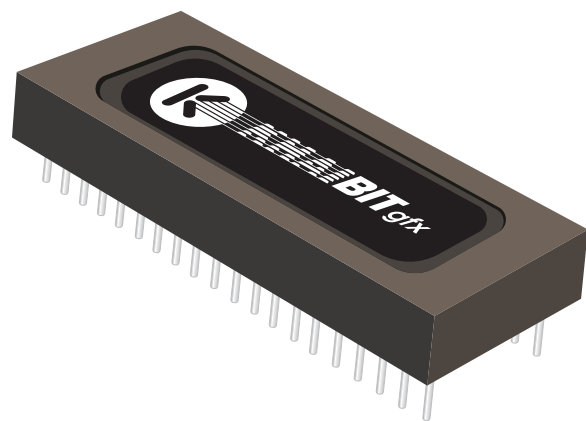
# Apple //c Mainboard General Layout



**Remove ROM & Install Clock Chip Here.**

This notch on the left side of the chip means PIN #1 and must be inserted back the same way.

On your //c, all notches are towards the left.



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