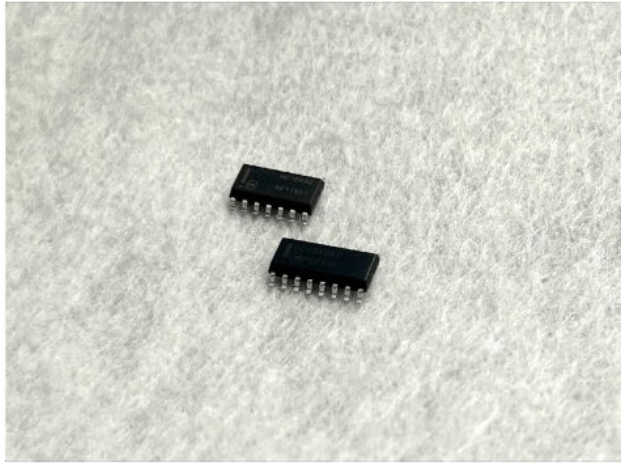




## CARTRIDGE I/O CIRCUIT REPLACEMENT KIT FOR ATARI LYNX



If your Lynx always shows the 'INSERT GAME' screen and can't read any cartridge, its I/O ICs may be bad. This is a replacement kit for the two ICs responsible for reading data off the cart. Our Atari Lynx repair kits use only premium components.

SKU: LNX-CARTIO

Product link: <https://k-retro.com/atari-lynx-power-capacitor-and-nimh-kits/165-cartridge-io-circuit-replacement-kit-for-atari-lynx.html>

We sell kits, replacement parts, tools and soldering consumables at our online

store at [k-retro.com](https://k-retro.com)

### Kit Contents

1x U8 IC

1x U9 IC

### Required Tools and Consumables

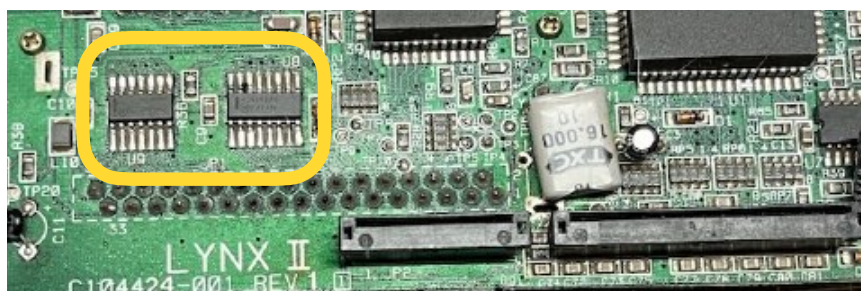
Soldering Iron or SMD Heat Gun, Solder Braid, No Clean Liquid Flux, Side Cutters, Isopropyl Alcohol (IPA)

### Assembly Instructions

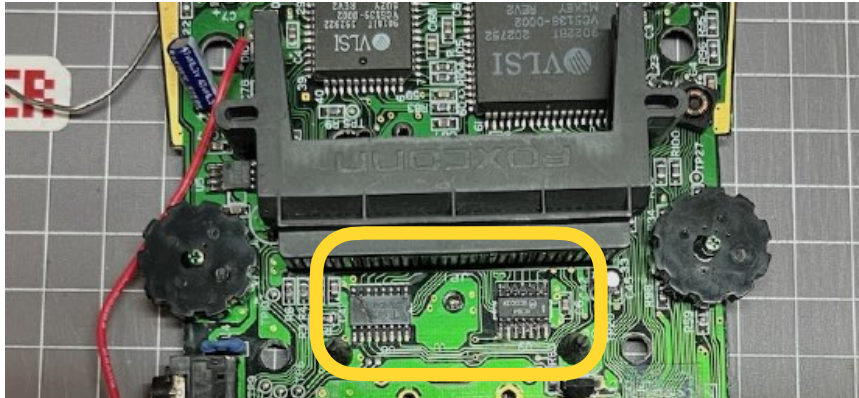
1. This manual assumes you followed our disassembly guide and your Lynx is already taken apart. Lynx model 1 and 2 can use the same parts.

2. Locate the components on the motherboard.

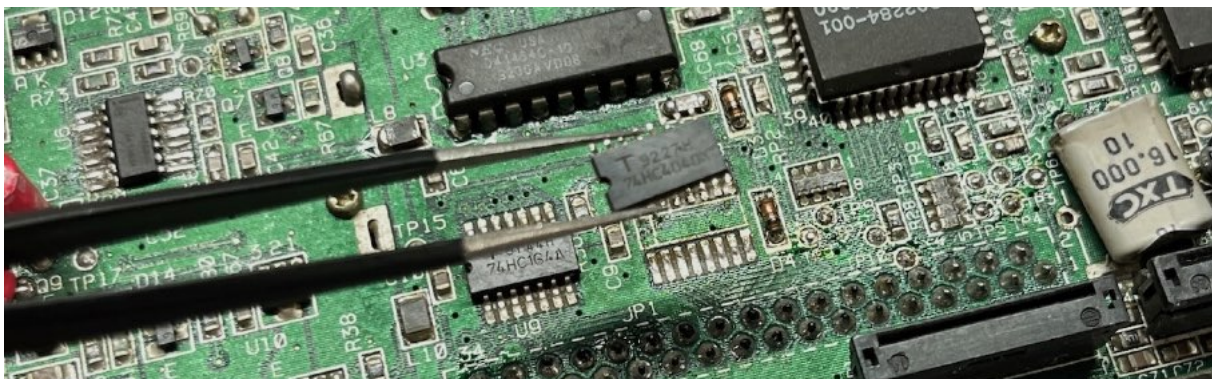
Lynx 2 - On the opposite side of the motherboard to the cartridge connector, directly behind the connector.



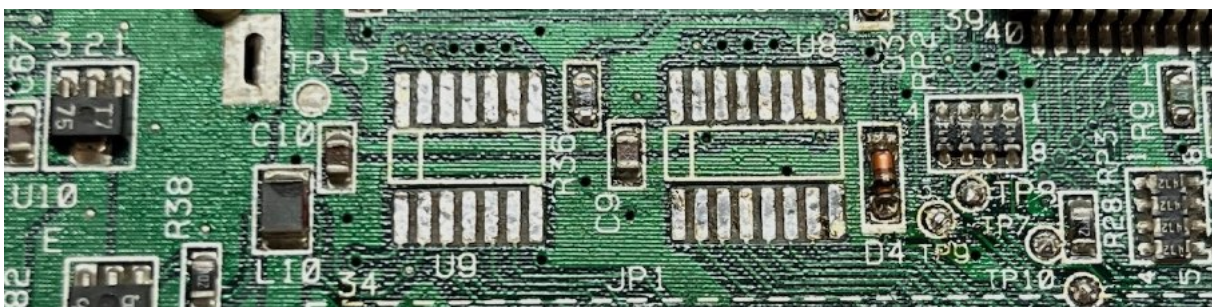
Lynx 1 - On the same side as the cartridge connector, adjacent to the pins on the connector.



4. Desolder the original ICs. This can be done with either a soldering iron and desoldering braid or with a hot air gun for SMD work. Either way, use lots of flux. If you're using a soldering iron, you may want to snip off the legs on the ICs first using side cutters.



5. Once the ICs are removed, clean up the motherboard pads with solder braid.



6. Solder in the new ICs, making sure that the stripe aligns to the stripe drawn on the motherboard (or where the old ICs had a notch).

