Network Interface Card for X68000
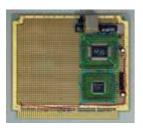
LAN card X68000, Neptune-write your own X.

Motivation

I strongly feel the need to own a PC expansion card recently, I had no experience in making such things as the computer connects to the bus, the PCI suddenly challenged by a frustrated and it really hit a problem is. I say, C-Tsumarimasen now can make a card or ISA BUS. Mr. CYC to be it, I had to hand over personal workstation can get a longing X68000 XVI.
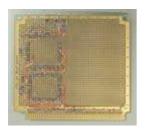
But lead to a workstation network! Only make it longer.

Photo

Table: Component Side
TQFP100 package (below) was soldered to tears is likely to peel off the pattern. Logic within CPLD package includes everything.
The CPLD uses the XC95144 of XILINX. It is quite   .
Please do not get mad.

Bottom: Solder
Makes you feel clean and because it uses the UEW.
What put it into surplus places. Memory? The serial? , PC-CARD? , USB? I dream just swell.

Back: seated X68000

Ethernet cables are also in vogue is translucent.

Wreckage: NE2000 clone victim

I took parts from the LAN card with RTL8019AS. RTL8019AS is not for the internal SRAM buffer to RTL8019, part count is very low. Since everything except using chip components would be to go to heaven. Board also has been used for IRQ routing experiments.

Other

Data   aside. Anyway, the only source of the CPLD. I use the CPLD Starter Kit Xilinx. (Confirmed by F1.4.)
[ABEL source file](#) [CTL file](#) [Makefile](#)

No. 57 Shi-gotten and his serial number from MAD.

Link

- [Home of Mr. Shi-MAD](#)
  Neptune-The creator of X.
  - [Neptune-X](#)
    Neptune-X's and materials, please click here.
    - [Advice about soft and hard](#)
      Mr. Shi-Link is MAD.

- [Io's room suspiciously DEKO.](#)
  - [X680x0 Corner](#)
    - [Neptune-Evolution Support](#)
      Is a very straightforward explanations GettingStarted.

- [Mr. Studio KotatsugaHouse](#)
  Always thank you for your help.
  - [Database Connector](#)

- - - **I / O expansion slot connector X68000**
        You can print a single page letter is made smaller.

- **Electronic Lives Manufacturing**
  Electronic tool that has been enhanced taste.
  - **Collection of bite-column**
    - **Universal wiring technique de Pau**
      Has been written about the use of the UEW.

- **REALTEK**
  The Ethernet chip maker used.
  - **RTL8019AS**
    Crab familiar mark.
  - **Data sheet**

- **XILINX**
  XILINX now people will taste.
  - **XC9500 Series**
    - **Data sheet**
  - **WebPACK XC9500 Series Development Kit**
    Is free.

- **Shop Heredia Kyoritsu**
  - **XILINX CPLD Development Kit**
    This alone can make.
  - **XC9500 Series**
    It also covers the chip.

- **Akizuki Denshi**
  - **RTL8019AS**
    SerialEEPROM useful set of programmed MAC address chip transformer.

Last

Those who benefited from the internet so people would not be the Electronics Workshop.
Thank you for everyone that many useful resources available on the Web.

In addition, Olympus C in order to take pictures that are posted here thanks to our oil-
Satta kindly lent 2000ZOOM.

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Applause can [I sign Terakawa](#)

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