

Updated 7/20/2019

After taking about 8½ years off from this project, I have decided to drive back into it. This subfolder in my file section is currently under construction. I am currently working on a CDP1861 Rev. E circuit which is posted in the subfolder. I have tested this circuit using the Pixie Starship program as well as my 1861 animation program. All 3 video resolutions work very well.

One important note: You MUST use a “back in the day” EPROM for U7, I tried using a new OTP-ROM and then the video is a little unstable, I am currently looking into what is causing this when using a OTP-ROM. Therefore please use an old EPROM for U7. I currently am using a M27C256B 32K EPROM without any problems.

I have also posted the HEX file of the contents that go into the EPROM as well, EPROM-U7.HEX file.

Here are some screen shots of the CDP1861 Rev. E circuit operating.



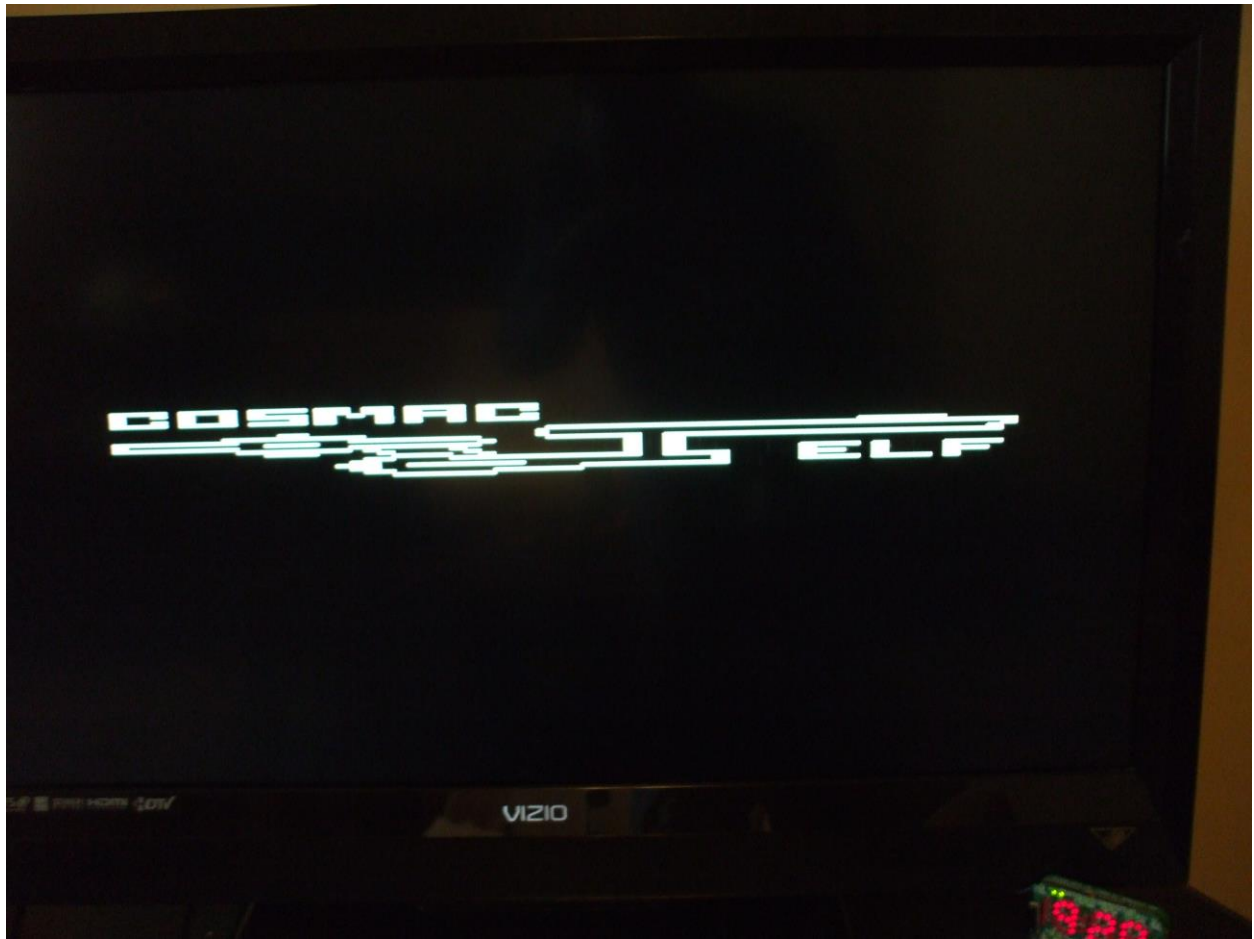
Running the Pixie Starship Program



Resolution 64 by 32



Resolution 64 by 64



Resolution 64 by 128

Enjoy,  
Chuck Yakym