

## **ABSTRACT**

*USB flash drive is a portable storage media that have a large enough storage capacity but in small dimension. It makes USB flash drive with this type or better known as flash disks are used by more people than any other USB flash drive as a portable external hard disk. However, sometimes encountered problems when there is no media (host) to copy or transfer the data stored in the flashdisk (flash disk source) to another flash disk (flash disk target). In this final project, created a host device that serves to display the data stored in the USB flash drive (flash disk) and copy the entire data stored on the flash disk target. The device consists of four blocks, namely block USB Flash disk interface using the USB Host Controller that will connect the flash disk and the system on the device, as the regulator block ATmega8535 microcontroller devices work, block LCD (Liquid Crystal Display) as a data displayer, and block power supply as power supplies devices with 5volt. Flash disk is connected to the system via the USB Host Controller interface, then the device will read the data stored in the flash disk, display it on LCD20x4 size, and copy all the data stored on the flash disk target.*

**Key word : USB Flash Drive, FTDI VNC1L, LCD, AVR ATMEGA8535**