Operation Description

The USB Instant Drive is a standalone storage product, built-in 128 MB memory. By using USB interface for PC uploading and downloading files.

The brief circuit description is listed as follows:

1. U1 and associated circuit is act as the interface between the computer and USB Instant Drive. It gets data from computer and store to flash memory in USB Instant Drive or get data from Thumb drive and transfer to computer. And is controlled by a 12 MHz crystal.

2. U3 is a regulator converting, which is from computer USB port (5V), to 3.3V that is used to provide power for the USB Instant Drive.

3. U4 and associated circuit act as USB output module for data transfer and USB power supply input (5V).

4. U5 and associated circuit act as flash memory for storing data.