Operation Description

The USB Instant Drive is a standalone storage product that used USB interface for PC uploading and downloading files. It has built-in 3 type of memory for 3 type of difference model.

The 3 type of memory and model 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 or (U5+U7) and associated circuit act as flash memory for storing data.

The 3 type of memory and model detail as below:

64MB

Model No   : USB7800-64
Used Chip   : K9F1208U0M-YCB0   x 1pcs

128MB

Model No   : USB7800-128
Used Chip   : K9F1208U0M-YCB0   x 2pcs

128MB

Model No   : USB7800-128
Used Chip   K9F1G08U0M-YCB0   x 1pcs

256MB

Model No   : USB7800-256
Used Chip   : K9F1G08U0M-YCB0   x 2pcs

256MB

Model No   : USB7800-256
Used Chip   : K9F2G08U0M-YCB0   x 1pcs