

Operation Description

The USB Mass Storage Device is a standalone product, USB 2.0 Hard Disk Drive 1.5GB.
The Storage Device features:

- Plug & Play (PC Windows / Mac OSX)
- USB v2.0
- Hard Disk 1.5GB
- Transfer rate up to 480Mbps

Refer to the circuit design, the circuit description is listed as follows:

1. U1 and associated circuit act as transaction processor and LCD control.
2. U2 and associated circuit act as a bridge between USB and memory data transfer to U1 and hard disk. (For UHP900)
3. U6 and associated circuit act as a bridge between USB and memory data transfer to U1 and hard disk. (For UHP900T)
4. U5 and associated circuit act as reset all IC when power up.
5. U7 and associated circuit act as internal EEPROM memory.
6. U8 and associated circuit act as regulator the input voltage 5v to 3.3v.