

# mSSD Ultra320 SCSI 80-pin 3.5"

## Product Reliability Improvement

Product Update, October 2006

### 1. Description

The mSSD™ Ultra320 SCSI 80-pin 3.5" (mSSD U320) was first released in April 2005.

In the last few months the mSSD Ultra320 SCSI 80-pin 3.5" showed low yield during production and as a result the lead time of the product increased.

In order to improve this low yield and return to standard lead time, the mSSD Ultra320 SCSI 80-pin 3.5" noise susceptibility was improved. Capacitor (C145) and resistor (R164) values have been changed in the CPU board only. The change does not affect the product Form, Fit and Function.

The mSSD Ultra320 SCSI 80-pin 3.5" hardware revision has been updated as following:

- Rev. A to Rev. C
- Rev. B to Rev. D

For customers that have already received units and would like to have their products upgraded, as mentioned above, are requested to send the units for upgrade using the normal RMA procedure.

As each product was shipped after extensive testing in the production line, the upgrade suggested is optional and not a mandatory requirement. Such upgrade will further increase the product's future reliability and is recommended for customers that can ship the units back for upgrade.

### 2. Reason for Change

Improvement of the mSSD Ultra320 SCSI 80-pin 3.5" production yield.

### 3. Availability

The mSSD Ultra320 SCSI 80-pin 3.5" will be available with the change from October 19, 2006.

#### 3.1 Ordering Information

The following is the ordering information for the product:

Product	Capacity (GB)	Ordering Information
mSSD Ultra320 SCSI 80-pin 3.5" (formerly FFD 3.5" Ultra320 SCSI 80-pin)	1, 2, 4, 8, 12, 16, 20, 24, 32, 40, 48, 56, 64, 72, 80, 96, 104, 112, 120, 128, 136, 144, 152, 160, 176, 192, 208, 224, 240, 256, 272, 288, 304, 320, 336, 352	FFD35-U3S-CCC-T-P80-P

The product ordering information indicates:

**CCC:** Disk capacity

**T:** Operating temperature range

**Blank:** Commercial: 0°C to +70°C

**N:** Enhanced: -25°C to +75°C

**X:** Extended: -40°C to +85°C

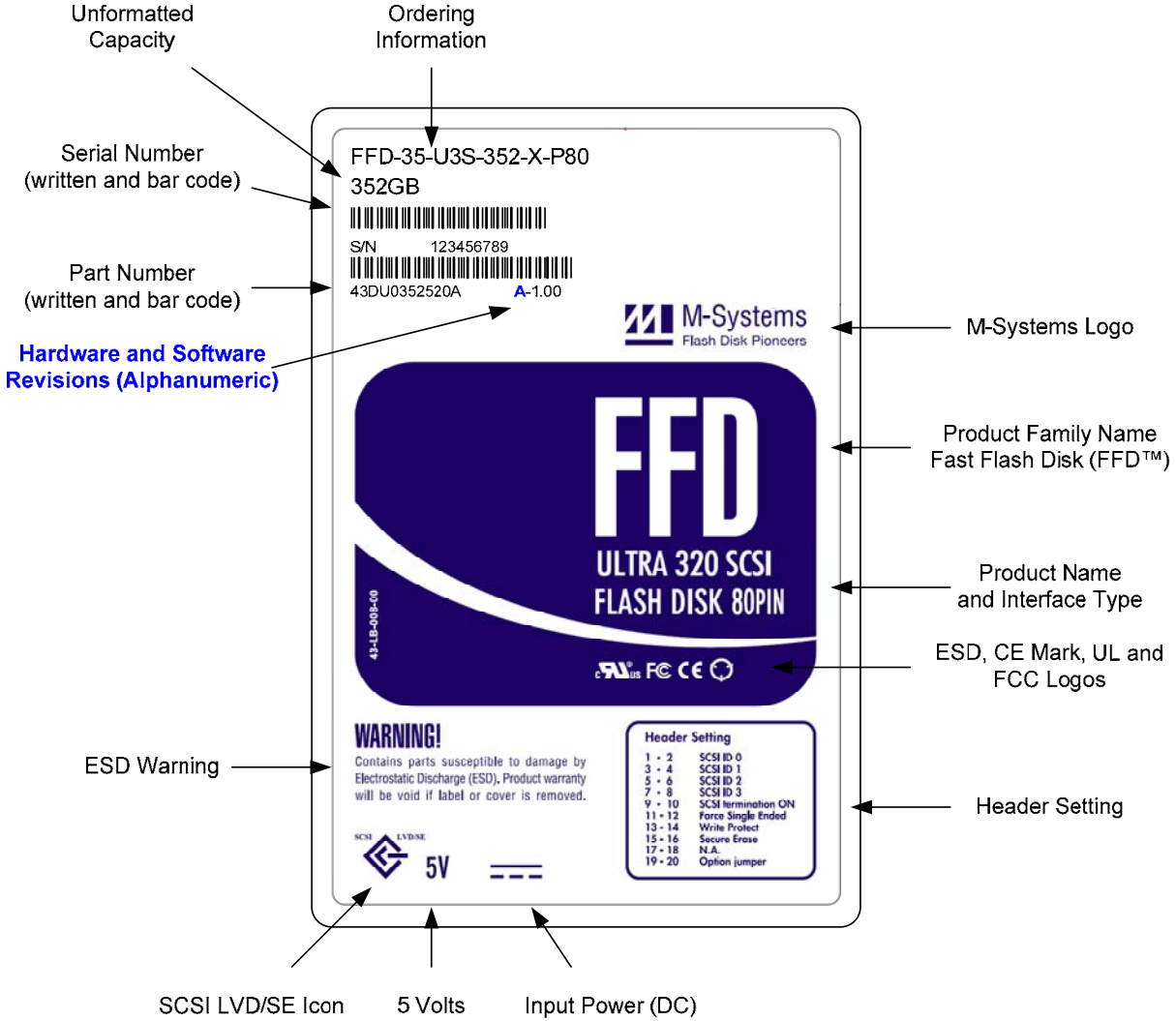
**P:** RoHS compatibility

**Blank:** Non-ROHS version

**P:** RoHS-compliant version

Capacities up to 128GB are supported in a 0.5" case height. Capacities above 128GB (up to 352GB) are supported in a 1" case height.

### 3.2 mSSD Ultra320 SCSI 80-pin 3.5" label and revision indication



## 4. How to Contact Us

Please contact your mssystems representative or visit the EMS area on the mssystems website ([www.m-systems.com](http://www.m-systems.com)) for any further information or assistance.

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