

## **Changes in Moisture-Proof Bag DiskOnChip G3**

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### **Description**

The specifications for the moisture-proof bag used for DiskOnChip G3 will be changed for the products listed in the table below.

### **Ordering Information**

The following products are affected:

Product	Form Factors	Capacity	Ordering Information
DiskOnChip G3	9x12 FBGA	128MB (1Gbit)	MD4331-d1G-V3Q18-X-P/Y
	7x10 FBGA	64MB (512Mbit)	MD4832-d512-V3Q18-X-P/Y
	48-Pin TSOP-I	64MB (512Mbit)	MD4811-d512-V3Q18-X-P/Y

### **Reason for Change**

The instructions on the moisture-proof bag are being updated in order to improve productivity.

### **Description of Change**

- Instructions on the moisture-proof bag will be modified. The current instructions are shown in Figure 1.

**注意:**  
 固実部品は吸湿した状態で実装時の熱ストレスを受けると、パッケージ割れが発生する可能性がありますので、以下の条件で解凍・開封をお願いします。

1. 防湿袋は、30℃・RH90%以下の環境で保管し、12ヶ月以内に開封・組立をお願いします。
2. 開封時は、30℃・RH60%以下の環境で1週間以内に実装されるようにお願い申し上げます。
3. 開封時、インジケータの30%検湿度が完全にピンクになっていた場合、又は有効期限が切れていた場合は次のベーキング処理をお願いします。  
 ベーキング条件: 125℃・20時間  
 (注意) 耐熱仕様のものは、耐熱トレイもしくはアルミマガジン等に移し変えてベーキングをお願いします。
4. 有効期限: シール日付 (シール部に印刷) より12ヶ月

**CAUTION:**  
 Surface mount products may have a crack when thermal stress is applied during surface mount assembly after they absorb atmospheric moisture. Therefore, please observe the following precautions:

1. This moisture barrier bag may be stored unopened 12 months at or below 30°C/90% RH.
2. After opening this moisture proof bag, the packages should be assembled within 1 week in an environment less than 30°C/60% RH.
3. If upon opening, the moisture indicator card shows humidity above 30% or the expiration date has passed, they may still be used with the addition of a bake of 20 hours at 125°C.  
 Caution; If the packing material is likely to melt at 125°C, heat-proof tray or aluminum magazine etc. must be used for high temperature.
4. Expiration date: 12 months from sealing date, which is imprinted near the heat-seal

*Figure 1: Old Instructions*

- Printed instructions for use after opening will be added. The new instructions are shown in Figure 2 and Figure 3.

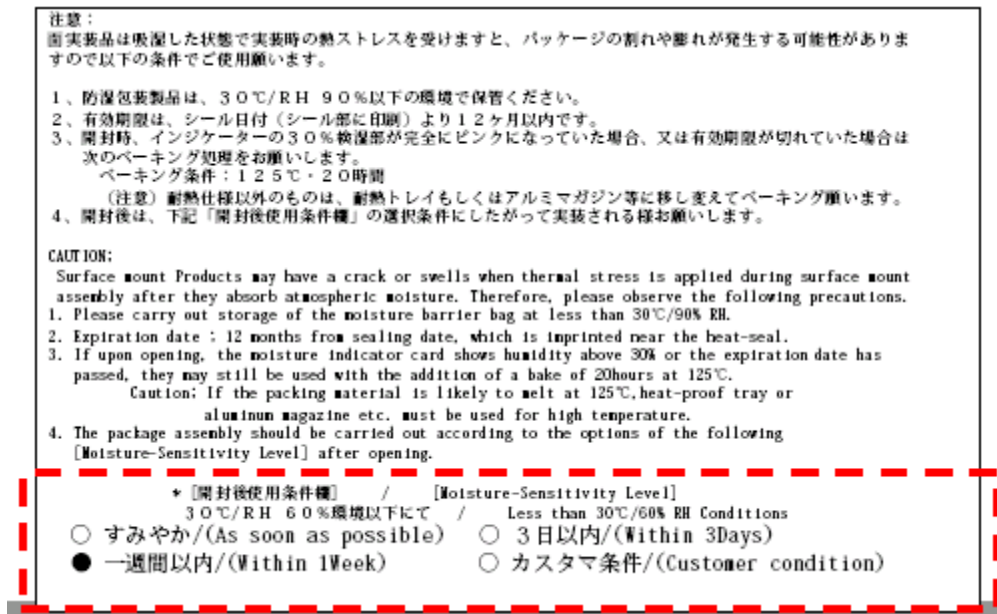


Figure 2: New Instructions

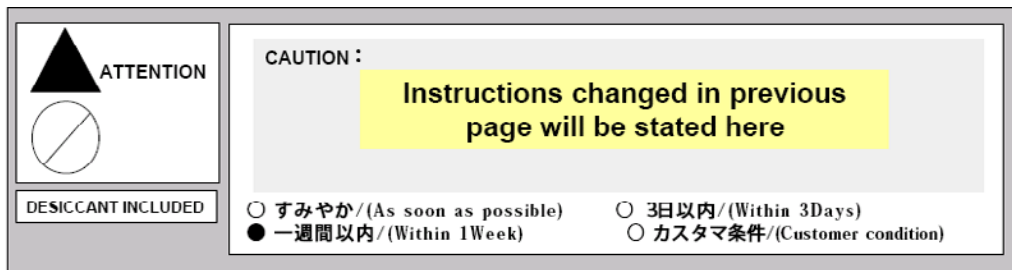


Figure 3: Details of Area Indicated by Red Dashed Lines

- Color of moisture-proof bag (currently dark gray, will be changed to silver).
- Moisture-proof bag type for tray (currently gusset, will be changed to envelope).

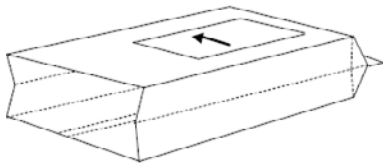


Figure 4: Current Gusset-Type Bag

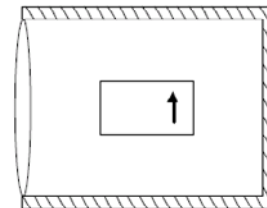


Figure 5: New Envelope-Type Bag

- M-Systems logo will be removed

The Moisture Sensitivity Level for DiskOnChip G3 after opening the bag remains the same.

**Availability**

DiskOnChip G3 will be shipped in the new moisture-proof bags as of May 2004.

**How to Contact Us**

Please contact your M-Systems representative or visit the DiskOnChip web page on the M-Systems website ([www.m-systems.com](http://www.m-systems.com)) for any further information or assistance.

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