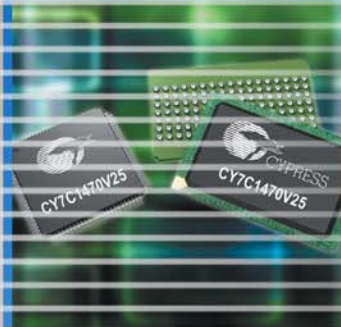
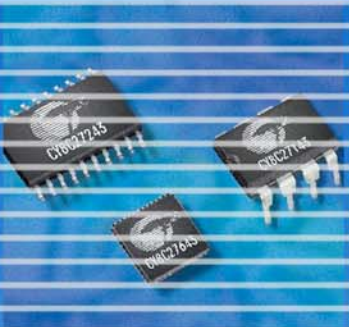
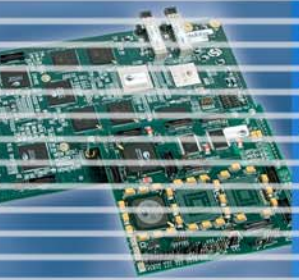
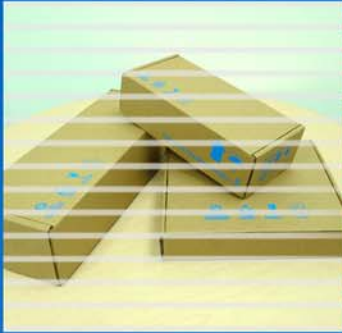


CY-PAK™ Packaging Program



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- Shipping Box Design
- Box Packing
- Bag Labeling
- Box Labeling

CY-PAK™ Program Overview

Under Cypress's Packing (CY-PAK™) program, standard quantities of IC products are packed into anti-static bags in the manufacturing area. Ordering products in increments of full CY-PAK bag quantities enables Cypress and its distributors to quickly and efficiently fulfill orders with prepacked inventory. By minimizing handling at the finished-goods warehouse, the quality of the products are preserved when shipped to customers.

CY-PAK Standard Quantities

Standard CY-PAK quantities were determined by considering customers' ordering preferences, as well as packing and storing efficiency. There are two terms used to define standard quantities: CY-PAK and Full-Order-Increment (FOI).

CY-PAK Tubes

Tube CY-PAK is defined as a Large, Medium, or Small bag containing a quantity of tubes based on the largest box/bag that, when full, contains between US \$1,000.00 and US \$2,000.00 worth of products based on average selling price.

Tube FOI is defined as the number of devices in one full tube.

CY-PAK Trays

Tray CY-PAK is defined as one, two or five trays containing a total number of devices that are valued between US \$1,000.00 and US \$2,000.00 based on average selling price.

Tray FOI is defined as the number of devices in one full tray.

CY-PAK Tape-and-Reel

Tape-and-Reel CY-PAK and FOI are defined as one full reel.



CY-PAK Bag Design

The CY-PAK bag is designed to protect product from electrostatic discharge and moisture. There are two types of bags: Moisture Barrier Bag (MBB), and Static Shielding Bag (SSB).

The MBB is used for dry-packed products and is made of nylon, aluminum foil and polyethylene material which provides excellent moisture barrier capability plus electrostatic protection. Filled MBBs are vacuum-sealed.

The SSB is used for non-dry-packed products and is made of aluminum, polyester and polyethylene materials which provides electrostatic protection. SSBs are heat-sealed.

The various bag types and dimensions are as follow:

Type	Size	Dimensions (W x L)	Example
Static Shielding Bag			
Tube	Large	12" x 33"	 <p>Tray SSB</p>
	Medium	9" x 29"	
	Small	6" x 29"	
Tray		8" x 16"	
Tape-and-Reel		18" x 18"	
Moisture Barrier Bag			
Tube	Large	12" x 33"	 <p>Tape-and-Reel MBB</p>
	Medium	9" x 29"	
Tray		8" x 18"	
Tape-and-Reel		16" x 18"	

CY-PAK Shipping Box Design

The CY-PAK inner boxes are designed to protect the products from damage during transport and storage.





Inner Box

These boxes are made of strong corrugated cardboard of type B- or C- flute and rated at 200-pound compression strength.

The inner boxes are used for both dry- and non-dry-pack products. The cover flap has “ears” that serve as a self-locking feature to make packing more efficient and minimize the use of packaging tapes. If two or more inner boxes are shipped, these are packed in outer boxes for more efficient shipping. There are several box sizes to accommodate a variety of product carriers.

The inner and outer box dimensions are as follow:

Type	Size	Length	Width	Height	Example
Inner Boxes					
Tube	Medium	585mm	200mm	130mm	 <p>Tray Inner Box</p>
	Small	579mm	195mm	64mm	
Tray		362mm	177mm	107mm	
Tape-and-Reel	Large	358mm	354mm	60mm	
	Medium	347mm	330mm	48mm	
Outer Boxes					
Tube	2-pack	630mm	213mm	287mm	 <p>2-pack Tube Outer Box</p>
	5-pack	630mm	351mm	414mm	
Tray	2-pack	402mm	188mm	231mm	
	5-pack	402mm	301mm	368mm	
Tape-and-Reel	Large 2-pack	380mm	150mm	170mm	
	Large 5-pack	380mm	356mm	370mm	
	Medium 2-pack	362mm	116mm	342mm	
	Medium 5-pack	362mm	337mm	342mm	

CY-PAK Box Packing

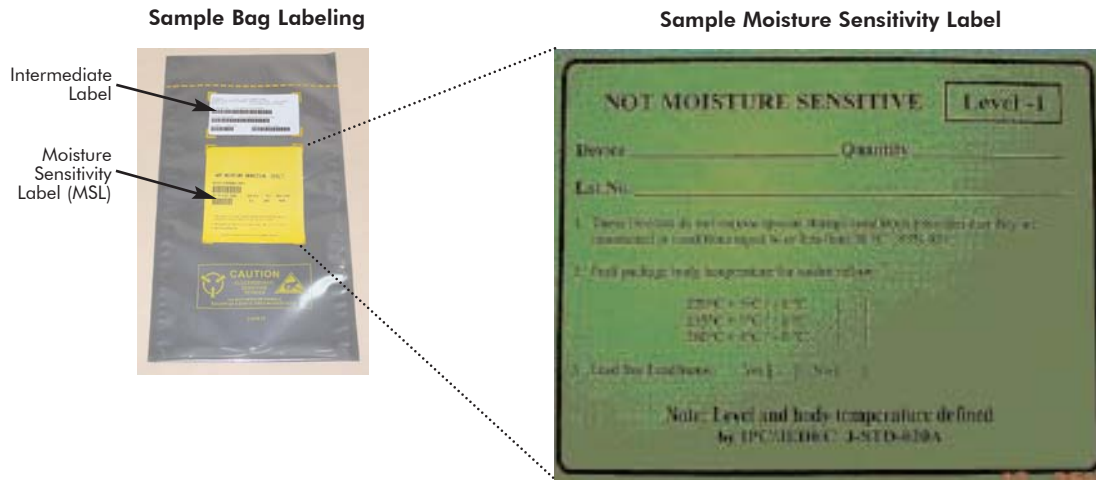


When packing CY-PAK bags into inner boxes, anti-static plastic bubble pack is placed around the bags to further protect the products during transport by minimizing movements and providing a cushioning effect.

For packing inner boxes into outer boxes, anti-static plastic bubble pack or an empty box is used as filler. All inner and outer boxes are sealed with minimal use of packaging tapes.

CY-PAK Bag Labeling

Cypress has standard labeling procedures for its bags and boxes. However, in accommodating special labeling instructions from customers, these labeling schemes may vary.



CY-PAK Box Labeling

An intermediate label is placed on the left side of the inner box. The label is both readable in English and bar coded.

There are two shipping labels placed on the outer box, the Address (Ship to) label and the Outer label which contains information about the contents and customer order references. The packing list is also attached on the top of the outer box.

