

# CUSTOMER ADVISORY

## ADV1511

### Packing reel size change from 13 inch to 7 inch

#### **Change Description:**

Altera shipped components in tape and reel packing using both the 13 inch and 7 inch reel size. To optimize packing based on quantity per reel, we are converting some products that currently used the 13” to 7” reel size.

The affected products are listed in Table 1.

See Appendix A for more details of the changes, comparing the existing 13” to the new 7” reel.

#### **Recommended Action / Impact of Change**

Customers are being notified to take note of the reel size change.

The change has no anticipated impact to the customer’s board assembly process.

This change has no impact to the form, fit, function, quality, reliability, and environmental compliance of the devices.

#### **Reason for Change:**

This change is to optimize the packing of components and further enhance the quality during shipment.

- Current packing of 1000 devices per reel using 13” reel occupy less than half the reel.
- Standardizing to 7” reel for the 1000 quantity will provide better support and hence enhance quality during shipment.

## Products Affected:

**Table 1**

#	Ordering Part Number
1	EC7100VQI
2	EC7401QI
3	ER2120QI
4	ER3105DI
5	ER3110DI
6	ES1010SI
7	ES1020QI
8	ES1022SI
9	EY1501DI-ADJ
10	EY1601SA-ADJ
11	EY1602SI-ADJ
12	EY1603TI-ADJ
13	ER3125QI
14	ES1021QI
15	ED9603S -prototype

## Product Traceability Information and Transition Dates:

Earliest possible ship date of products in the 7” reel is on 12/21/2015.

Shipment of pre-converted product in 13” reel will continue until the existing inventory has been depleted.

There will be no 13” and 7” reel mixed in a single shipment.

## Contact

For more information, please contact Altera Technical Support by submitting a Service Request at Altera’s [mySupport](#) website.

## Customer Notifications Subscription

Customers that have subscribed to Altera's customer notification mailing list will receive updates automatically via email.

If you would like to receive customer notifications by email, please subscribe to our customer notification mailing list at <https://www.altera.com/subscriptions/email/signup/eml-index.jsp>

## Revision History

Date	Rev	Description
12/17/2015	1.0.0	Initial Release

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## Appendix A – Packing reel dimension

### Top View

Code #	Description of change	Existing 13-inch packing reel	New 7-inch packing reel
		<p style="text-align: center;">*measurement in mm</p>	<p style="text-align: center;">*measurement in mm</p>
		<b>From</b>	<b>To</b>
C	Packing reel outer dimension	13-inch ± 0.02-inch (or 330mm ± 0.50mm)	7-inch ± 0.02-inch (or 180mm ± 0.50mm)

### Side View

Code #	Description of change	Existing 13-inch packing reel	New 7-inch packing reel
		<b>From</b>	<b>To</b>
N	Packing reel hub diameter	4-inch ± 0.02-inch (or 100mm ± 0.50mm)	2.4-inch ± 0.02-inch (or 60mm ± 0.50mm)

Reel dimension comparison				
		13" reel (existing)	7" reel (new)	Comparison
	<b>Tape Width</b>	0.472 inch ( or 12mm)	0.472 inch ( or 12mm)	Same
<b>C</b>	<b>Reel outer dimension</b>	13-inch ± 0.02 inch (or 330mm ± 0.50mm)	7-inch ± 0.02 inch (or 180mm ± 0.50mm)	<b>Difference</b>
<b>D</b>	<b>Flange lock dimension</b>	Min 0.06 inch (or 1.5mm)	Min 0.06 inch (or 1.5mm)	Same
<b>E</b>	<b>Flange Access Hole diameter</b>	Min 0.80 inch (or 20.2mm)	Min 0.80 inch (or 20.2mm)	Same
<b>N</b>	<b>Reel hub diameter</b>	4-inch ± 0.02 inch (or 100mm ± 0.50mm)	2.4-inch ± 0.02 inch (or 60mm ± 0.50mm)	<b>Difference</b>
<b>W 1</b>	<b>Inner reel width</b>	0.488 inch – 0.566 inch (or 12.4mm-14.4mm)	0.488 inch (or 12.4mm)	Same
<b>W 2</b>	<b>Outer reel width (measured at hub)</b>	Max 0.724 inch (or 18.4mm)	Max 0.724 inch (or 18.4mm)	Same
<b>W 3</b>	<b>Outer reel width (includes flange at outer edge)</b>	0.469 inch – 0.606 inch (11.9mm – 15.4mm)	0.469 inch – 0.606 inch (11.9mm – 15.4mm)	Same