



CUSTOMER ADVISORY ADV0505

Adding Daewon shipping tray for BGA and QFP Package Devices

Change Description:

Altera is adding shipping trays produced by Daewon Semiconductor Packaging Industrial Company as an additional shipping tray for various BGA and QFP packaged devices. The new Daewon tray dimensions are comparable to the existing Peak trays and have been fully qualified by Altera. However, Daewon and Peak trays cannot be stacked together and should be handled separately. Each Altera shipping box will contain only one type of tray. This change does not affect the form, fit, or function of the devices.

Reason for Change:

Daewon was identified as an additional shipping-tray source for Altera products to ensure availability and sourcing flexibility.

Products Affected:

Table 1 – Package and Tray List

Package	Package Size (mm)	DAEWON Tray Part#
UBGA49	7 X 7	12C-0707-E19
UBGA169/FBGA100	11 X 11	12F-1111-119
FBGA144	13 X 13	1F3-1313-D19
FBGA256	17 X 17	1F1-1717-A19
FBGA324	19 X 19	12U-1919-G19
FBGA484	23 X 23	12Y-2323-919
BGA225/BGA256/FBGA672	27 X 27	125-2727-919
FBGA1020	33 X 33	12Y-3333-419
BGA356	35 X 35	125-3535-919
BGA672/BGA724	35 X 35	12Y-3535-419
BGA600/BGA652	45 X 45	12Y-4545-419
PQFP44	10 X 10	123-1010-119-A
PQFP100	14 X 20	121-1420-419

Product Traceability and Transition Dates:

Altera will begin introducing Daewon trays on August 15th, 2005. Daewon trays are clearly marked by the DAEWON imprint and related tray part number molded on to the tray.

Contact:

For more information on this advisory, please contact Altera® Customer Quality support at customer-quality@altera.com.

Additional information on Daewon Semiconductor Packaging Industrial Corporation is available at www.daewonpic.com.