



CUSTOMER ADVISORY ALTERNATE QFP SHIPPING TRAYS

Altera is adding KOSTAT as an alternate supplier for existing PEAK QFP shipping trays. The new KOSTAT tray dimensions are comparable to the existing PEAK trays. Altera has evaluated and approved the new KOSTAT trays for mechanical integrity by performing functional tests.

The QFP package types and KOSTAT tray part numbers are noted in the table below:

| Package Type | PEAK Tray Part Number | KOSTAT Tray Part number |
|---------------------|------------------------------|--------------------------------|
| 100 Pin QFP 14x20mm | ND-1420-2.7-0611* | KS-8202* |
| 160 Pin QFP 28x28mm | ND-2828-3.5-0308* | KS-8201* |
| 208 Pin QFP 28x28mm | ND-2828-3.5-0308* | KS-8201* |
| 240 Pin QFP 32x32mm | ND-3232-3.4-0308* | KS-8205* |

*Please note KOSTAT and PEAK trays are not stackable together.

Altera will begin using KOSTAT QFP trays as alternate shipping trays after May 1, 2000.

For additional information regarding the changes described in this document, please contact your local Altera sales representative, or Altera's customer quality engineering manager at (408) 544-7563.