

# FLASH STACK



**POLYSTAK**

## Description

DST Flash Stack is designed and manufactures with **Polystak's** patented Direct Stacking Technology(DST) that provides the largest density product utilizing NAND Flash components built in TSOP Type 1 packages from industry memory suppliers.

DST Flash Stack doubles the density of any Flash TSOP Type 1 component and maintains the JEDEC standard industry footprint.

DST Flash Stack products are available in 1, 2, and 4 Chip Enable(CE) versions encompassing NAND Flash components with the highest density available from memory suppliers.

## Highlights

- Provides up to a 128Gb density Flash product in a JEDEC standard TSOP Type 1 footprint
- Lowest Flash stack height profile in the industry
- Manufactured with simple, cost effective process providing a short lead-time to customers
- Proven, reliable process with no interposer and 50% fewer solder joints than competitors
- Built with Flash TSOP Type 1 components from multiple memory manufactures

## Application Example

DST Flash Stack products are a space saving solution to assist designers realize higher Flash memory densities in space constrained applications. An 8GB USB drive can be designed utilizing two 32Gb DST Flash Stack products.



## Applications

- SSD
- USB Drives
- MP3 Players
- Personal Digital Appliances
- Portable Video Players
- Single Board Computers
- Compact Flash Cards

