



Product Change Notification

Date: February 5, 2024

Change Notification No. IS45S-128Mb-Sync-DRAM-12M

To: Valued Customers

From: ISSI (Integrated Silicon Solution, Inc.)
1623 Buckeye Dr
Milpitas, CA. 95035
USA

Affected ISSI Part Numbers: IS45S16800F, IS45S81600F, IS45S32400F

Replacement ISSI Part Numbers: IS45S16800J, IS45S81600J, IS45S32400J

Affected Part Numbers	Recommended Replacement Part Numbers
IS45S32400F-7TLA2	IS45S32400J-7TLA2
IS45S32400F-7TLA2-TR	IS45S32400J-7TLA2-TR
IS45S32400F-6BLA25	IS45S32400J-6BLA25
IS45S32400F-6BLA25-TR	IS45S32400J-6BLA25-TR
IS45S32400F-6TLA2	IS45S32400J-6TLA2
IS45S32400F-6TLA2-TR	IS45S32400J-6TLA2-TR
IS45S32400F-7BLA2	IS45S32400J-7BLA2
IS45S32400F-7BLA2-TR	IS45S32400J-7BLA2-TR
IS45S32400F-6TLA1	IS45S32400J-6TLA1
IS45S32400F-6TLA1-TR	IS45S32400J-6TLA1-TR
IS45S32400F-7TLA1	IS45S32400J-7TLA1
IS45S32400F-7TLA1-TR	IS45S32400J-7TLA1-TR
IS45S32400F-6BLA2	IS45S32400J-6BLA2
IS45S32400F-6BLA2-TR	IS45S32400J-6BLA2-TR
IS45S32400F-7BLA1	IS45S32400J-7BLA1
IS45S32400F-7BLA1-TR	IS45S32400J-7BLA1-TR
IS45S32400F-6BLA1	IS45S32400J-6BLA1
IS45S32400F-6BLA1-TR	IS45S32400J-6BLA1-TR
IS45S16800F-7CTLA1	IS45S16800J-7TLA1
IS45S16800F-7CTLA1-TR	IS45S16800J-7TLA1-TR
IS45S16800F-7BLA2	IS45S16800J-7BLA2
IS45S16800F-7BLA2-TR	IS45S16800J-7BLA2-TR

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Affected Part Numbers	Recommended Replacement Part Numbers
IS45S16800F-7CTLA2	IS45S16800J-7TLA2
IS45S16800F-7CTLA2-TR	IS45S16800J-7TLA2-TR
IS45S16800F-6TLA1	IS45S16800J-6TLA1
IS45S16800F-6TLA1-TR	IS45S16800J-6TLA1-TR
IS45S16800F-6BLA1	IS45S16800J-6BLA1
IS45S16800F-6BLA1-TR	IS45S16800J-6BLA1-TR
IS45S16800F-6TLA2	IS45S16800J-6TLA2
IS45S16800F-6TLA2-TR	IS45S16800J-6TLA2-TR
IS45S16800F-7TLA1	IS45S16800J-7TLA1
IS45S16800F-7TLA1-TR	IS45S16800J-7TLA1-TR
IS45S16800F-7TLA2	IS45S16800J-7TLA2
IS45S16800F-7TLA2-TR	IS45S16800J-7TLA2-TR

Notes:

1. The recommended replacement part endings may be an upgrade speed option. However, all speed options are specified to be fully backward compatible with slower speed options.
2. The affected part number list above shows the most popular examples. All part numbers beginning with IS45S16800F, IS45S81600F and IS45S32400F are affected. Please contact ISSI if you have any question.

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Description of Change: The 128Mb 3.3V Sync DRAM beginning with IS45S16800F, IS45S81600F, and IS45S32400F are being replaced with parts with a more advanced process technology. The recommended replacement part was designed with the same form, fit and function as the original part. The wafer fab remains Powerchip, and the process technology changes from 72nm to 38nm.

Rationale for Change:

Powerchip is de-emphasizing the process technology for the affected part numbers. The process technology for the replacement part numbers will enable longevity and improved availability for the 128M 3.3V SDRAM.

Schedule:

New Part Status:	Mass production; Samples available
Change Validation Test Data:	Available
Affected part Last-Time-Buy Date (LTB):	February 9, 2025
Affected part Last-Time-Shipdate (LTS):	February 9, 2026

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