



Product Change Notification

Date: February 5, 2024

Change Notification No. IS45S-256Mb-Sync-DRAM-6M

To: Valued Customers

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

Affected ISSI Part Numbers: IS45S16160G, IS45S83200G, IS45S32800G

Replacement ISSI Part Numbers: IS45S16160L, IS45S83200L, IS45S32800L

Affected Part Numbers	Recommended Replacement Part Numbers
IS45S16160G-7TLA1	IS45S16160L-7TLA1
IS45S16160G-7TLA1-TR	IS45S16160L-7TLA1-TR
IS45S16160G-7BLA1	IS45S16160L-7BLA1
IS45S16160G-7BLA1-TR	IS45S16160L-7BLA1-TR
IS45S16160G-7CTLA1	IS45S16160L-7TLA1
IS45S16160G-7CTLA1-TR	IS45S16160L-7TLA1-TR
IS45S16160G-7CTLA2	IS45S16160L-7TLA2
IS45S16160G-7CTLA2-TR	IS45S16160L-7TLA2-TR
IS45S16160G-7BLA2	IS45S16160L-7BLA2
IS45S16160G-7BLA2-TR	IS45S16160L-7BLA2-TR
IS45S16160G-6BLA2	IS45S16160L-6BLA2
IS45S16160G-6BLA2-TR	IS45S16160L-6BLA2-TR
IS45S16160G-7TLA2	IS45S16160L-7TLA2
IS45S16160G-7TLA2-TR	IS45S16160L-7TLA2-TR
IS45S16160G-6TLA1	IS45S16160L-6TLA1
IS45S16160G-6TLA1-TR	IS45S16160L-6TLA1-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 IS45S16160G, IS45S83200G, and IS45S32800G are affected. Please contact ISSI if you have any question.

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Product Change Notification *(continued)*

Description of Change: The 256Mb 3.3V Sync DRAM beginning with IS45S16160G, IS45S83200G, and IS45S32800G 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 256M 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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