



Product Change Notification

Date: November 29, 2022

Change Notification No. IS43-46LD16128B-32640B

To: Valued Customers

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

Affected ISSI Part Numbers: IS43LD16128B, IS46LD16128B, IS43LD32640B, IS46LD32640B

Replacement ISSI Part Numbers: IS43LD16128C, IS46LD16128C, IS43LD32640C, IS46LD32640C, IS43LD32128C

Affected Part Numbers	Recommended Replacement Part Numbers
IS43LD16128B-18BLI	IS43LD16128C-18BLI
IS43LD16128B-18BLI-TR	IS43LD16128C-18BLI-TR
IS43LD16128B-25BLI	IS43LD16128C-18BLI
IS43LD16128B-25BLI-TR	IS43LD16128C-18BLI-TR
IS43LD32640B-18BLI	IS43LD32640C-18BLI
IS43LD32640B-18BLI-TR	IS43LD32640C-18BLI-TR
IS43LD32640B-18BPL	IS43LD32128C-18BPLI
IS43LD32640B-18BPL-TR	IS43LD32128C-18BPLI-TR
IS43LD32640B-18BPLI	IS43LD32128C-18BPLI
IS43LD32640B-18BPLI-TR	IS43LD32128C-18BPLI-TR
IS43LD32640B-25BLI	IS43LD32640C-18BLI
IS43LD32640B-25BLI-TR	IS43LD32640C-18BLI-TR
IS43LD32640B-25BPL	IS43LD32128C-18BPLI
IS43LD32640B-25BPL-TR	IS43LD32128C-18BPLI-TR
IS43LD32640B-25BPLI	IS43LD32128C-18BPLI
IS43LD32640B-25BPLI-TR	IS43LD32128C-18BPLI-TR
IS43LD32640B-25BPLI	IS43LD32128C-18BPLI
IS43LD32640B-25BPLI-TR	IS43LD32128C-18BPLI-TR
IS46LD32640B-18BLA2	IS46LD32640C-18BLA2
IS46LD32640B-18BLA2-TR	IS46LD32640C-18BLA2-TR

Notes:

1. The recommended replacement part endings may be an upgrade speed option (-18). However, all speed options are specified to be fully backward compatible with slower speed options.
2. For any option ending with -18BPL, -18BPLI, -25BPL, or -25BPLI, please contact ISSI DRAM Marketing for advice regarding transitioning to the recommended replacement.

(continued on next page)



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Product Change Notification (*continued*)

Affected Part Numbers	Recommended Replacement Part Numbers
IS46LD32640B-25BLA1	IS46LD32640C-18BLA1
IS46LD32640B-25BLA1-TR	IS46LD32640C-18BLA1-TR
IS46LD32640B-25BLA2	IS46LD32640C-18BLA2
IS46LD32640B-25BLA2-TR	IS46LD32640C-18BLA2-TR

Description of Change: The 2Gb LPDDR2 products that begin with part numbers IS43LD16128B, IS46LD16128B, IS43LD32640B, IS46LD32640B are being replaced with parts with a smaller process technology. The recommended replacement part has the same form, fit and function as the original part. The recommended replacement part number begins with IS43LD16128C, IS46LD16128C, IS43LD32640C, or IS46LD32640C. The wafer fab remains Powerchip, and the process technology changes from 38nm to 25nm.

Rationale for Change:

Over a long trend, demand for affected product has decreased, while lead-times for manufacturing this particular product has increased. The popularity of the recommended ISSI replacements is high and growing, while lead-time is expected to be low and stable. ISSI expects to support the recommended replacement for the long-term.

Schedule:

New Part Status:	Mass production; Samples available
Change Validation Test Data:	Available
Affected part Last-Time-Buy Date (LTB):	May 31, 2023
Affected part Last-Time-Shipdate (LTS):	December 31, 2023

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