



INTEGRATED SILICON SOLUTION, INC.

Product Change Notification

Date: September 15, 2015

Change Notification No. 16Mb-256Mb(x32)-512Mb-2015

To: ISSI Valued Customers

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

Affected Part Numbers	New Part Numbers
IS42S16100E	IS42S16100H
IS42S16100F	IS42S16100H
IS42S32800D	IS42S32800J
IS42S86400B	IS42S86400F
IS42S16320B	IS42S16320F
IS42S32160B	IS42S32160F
IS42S32160C	IS42S32160F
<i>See detailed list on next page</i>	

Description of Change: The affected 16Mb, 256Mb, and 512Mb SDRAMs listed above are transitioning from their fab location at Vanguard International Semiconductor in Taoyuan, Taiwan to Powerchip Semiconductor Corporation in Hsinchu City, Taiwan. The affected parts used 110nm process technology, except for IS42S16100F, which used 99nm. The new parts use 63nm process technology, and are backward-compatible with the same in fit, form, and function as the old parts.

Rationale for Change:

The affected products have been in production at ISSI for over 5 years. ISSI continues to develop and support its 3.3V SDRAM product line long-term. In order to assure the high-quality and availability of the 16Mb, 256Mb, and 512Mb SDRAMs for many years to come, ISSI strongly recommends that customers use the new product(s).



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Schedule:

New Part Status:
Change Validation Test Data:
Last Time Buy Date (Old product):
Last Time Ship Date (Old product):

Mass Production
 Available Now
 March 30, 2016
 June 30, 2016

Contact: ISSI DRAM Marketing Team
 E-mail: DRAM@issi.com
 Ph : 1.408.969.6600

Affected Part Numbers	New Part Numbers
IS42S16100E-5TL	IS42S16100H-5TL
IS42S16100E-6TL	IS42S16100H-6TL
IS42S16100E-6TLI	IS42S16100H-6TLI
IS42S16100E-7BL	IS42S16100H-7BL
IS42S16100E-7BLI	IS42S16100H-7BLI
IS42S16100E-7TL	IS42S16100H-7TL
IS42S16100E-7TLI	IS42S16100H-7TLI
IS42S16100F-5BL	IS42S16100H-5BL
IS42S16100F-5TL	IS42S16100H-5TL
IS42S16100F-6BL	IS42S16100H-6BL
IS42S16100F-6BLI	IS42S16100H-6BLI
IS42S16100F-6TL	IS42S16100H-6TL
IS42S16100F-6TLI	IS42S16100H-6TLI
IS42S16100F-7BL	IS42S16100H-7BL
IS42S16100F-7BLI	IS42S16100H-7BLI
IS42S16100F-7TL	IS42S16100H-7TL
IS42S16100F-7TLI	IS42S16100H-7TLI
IS42S16320B-6BLI	IS42S16320F-6BLI
IS42S16320B-6TL	IS42S16320F-6TL
IS42S16320B-6TLI	IS42S16320F-6TLI
IS42S16320B-75ETL	IS42S16320F-7TL
IS42S16320B-75ETLI	IS42S16320F-7TLI
IS42S16320B-7BL	IS42S16320F-7BL
IS42S16320B-7BLI	IS42S16320F-7BLI
IS42S16320B-7TI	IS42S16320F-7TI
IS42S16320B-7TL	IS42S16320F-7TL
IS42S16320B-7TLI	IS42S16320F-7TLI

Affected Part Numbers	New Part Numbers
IS42S32160B-6BLI	IS42S32160F-6BLI
IS42S32160B-6TL	IS42S32160F-6TL
IS42S32160B-6TLI	IS42S32160F-6TLI
IS42S32160B-75EBLI	IS42S32160F-75EBLI
IS42S32160B-7BL	IS42S32160F-7BL
IS42S32160B-7BLI	IS42S32160F-7BLI
IS42S32160B-7TL	IS42S32160F-7TL
IS42S32160B-7TLI	IS42S32160F-7TLI
IS42S32160C-6BI	IS42S32160F-6BI
IS42S32160C-6BL	IS42S32160F-6BL
IS42S32160C-6BLI	IS42S32160F-6BLI
IS42S32160C-75BL	IS42S32160F-7BL
IS42S32160C-75BLI	IS42S32160F-7BLI
IS42S32800D-6B	IS42S32800J-6B
IS42S32800D-6BI	IS42S32800J-6BI
IS42S32800D-6BL	IS42S32800J-6BL
IS42S32800D-6BLI	IS42S32800J-6BLI
IS42S32800D-6TL	IS42S32800J-6TL
IS42S32800D-6TLI	IS42S32800J-6TLI
IS42S32800D-75EBL	IS42S32800J-75EBL
IS42S32800D-75EBLI	IS42S32800J-75EBLI
IS42S32800D-75ETLI	IS42S32800J-75ETLI
IS42S32800D-7BI	IS42S32800J-7BI
IS42S32800D-7BL	IS42S32800J-7BL
IS42S32800D-7BLI	IS42S32800J-7BLI
IS42S32800D-7TL	IS42S32800J-7TL
IS42S32800D-7TLI	IS42S32800J-7TLI
IS42S86400B-75ETL	IS42S86400F-7TL

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INTEGRATED SILICON SOLUTION, INC.

IS42S86400B-7TI	IS42S86400F-7TI
IS42S86400B-7TL	IS42S86400F-7TL
IS42S86400B-7TLI	IS42S86400F-7TLI
IS42S16100E-5TL-TR	IS42S16100H-5TL-TR
IS42S16100E-6TL-TR	IS42S16100H-6TL-TR
IS42S16100E-6TLI-TR	IS42S16100H-6TLI-TR
IS42S16100E-7BL-TR	IS42S16100H-7BL-TR
IS42S16100E-7BLI-TR	IS42S16100H-7BLI-TR
IS42S16100E-7TL-TR	IS42S16100H-7TL-TR
IS42S16100E-7TLI-TR	IS42S16100H-7TLI-TR
IS42S16100F-5BL-TR	IS42S16100H-5BL-TR
IS42S16100F-5TL-TR	IS42S16100H-5TL-TR
IS42S16100F-6BL-TR	IS42S16100H-6BL-TR
IS42S16100F-6BLI-TR	IS42S16100H-6BLI-TR
IS42S16100F-6TL-TR	IS42S16100H-6TL-TR
IS42S16100F-6TLI-TR	IS42S16100H-6TLI-TR
IS42S16100F-7BL-TR	IS42S16100H-7BL-TR
IS42S16100F-7BLI-TR	IS42S16100H-7BLI-TR
IS42S16100F-7TL-TR	IS42S16100H-7TL-TR
IS42S16100F-7TLI-TR	IS42S16100H-7TLI-TR
IS42S16320B-6BLI-TR	IS42S16320F-6BLI-TR
IS42S16320B-6TL-TR	IS42S16320F-6TL-TR
IS42S16320B-6TLI-TR	IS42S16320F-6TLI-TR
IS42S16320B-75ETL-TR	IS42S16320F-7TL-TR
IS42S16320B-75ETLI-TR	IS42S16320F-7TLI-TR
IS42S16320B-7BL-TR	IS42S16320F-7BL-TR
IS42S16320B-7BLI-TR	IS42S16320F-7BLI-TR
IS42S16320B-7TI-TR	IS42S16320F-7TI-TR
IS42S16320B-7TL-TR	IS42S16320F-7TL-TR
IS42S16320B-7TLI-TR	IS42S16320F-7TLI-TR
IS42S32160B-6BLI-TR	IS42S32160F-6BLI-TR
IS42S32160B-6TL-TR	IS42S32160F-6TL-TR
IS42S32160B-6TLI-TR	IS42S32160F-6TLI-TR
IS42S32160B-75EBLI-TR	IS42S32160F-75EBLI-TR
IS42S32160B-7BL-TR	IS42S32160F-7BL-TR
IS42S32160B-7BLI-TR	IS42S32160F-7BLI-TR
IS42S32160B-7TL-TR	IS42S32160F-7TL-TR
IS42S32160B-7TLI-TR	IS42S32160F-7TLI-TR
IS42S32160C-6BI-TR	IS42S32160F-6BI-TR
IS42S32160C-6BL-TR	IS42S32160F-6BL-TR
IS42S32160C-6BLI-TR	IS42S32160F-6BLI-TR
IS42S32160C-75BL-TR	IS42S32160F-7BL-TR
IS42S32160C-75BLI-TR	IS42S32160F-7BLI-TR
IS42S32800D-6B-TR	IS42S32800J-6B-TR

IS42S32800D-6BI-TR	IS42S32800J-6BI-TR
IS42S32800D-6BL-TR	IS42S32800J-6BL-TR
IS42S32800D-6BLI-TR	IS42S32800J-6BLI-TR
IS42S32800D-6TL-TR	IS42S32800J-6TL-TR
IS42S32800D-6TLI-TR	IS42S32800J-6TLI-TR
IS42S32800D-75EBL-TR	IS42S32800J-75EBL-TR
IS42S32800D-75EBLI-TR	IS42S32800J-75EBLI-TR
IS42S32800D-75ETLI-TR	IS42S32800J-75ETLI-TR
IS42S32800D-7BI-TR	IS42S32800J-7BI-TR
IS42S32800D-7BL-TR	IS42S32800J-7BL-TR
IS42S32800D-7BLI-TR	IS42S32800J-7BLI-TR
IS42S32800D-7TL-TR	IS42S32800J-7TL-TR
IS42S32800D-7TLI-TR	IS42S32800J-7TLI-TR
IS42S86400B-75ETL-TR	IS42S86400F-7TL-TR
IS42S86400B-7TI-TR	IS42S86400F-7TI-TR
IS42S86400B-7TL-TR	IS42S86400F-7TL-TR
IS42S86400B-7TLI-TR	IS42S86400F-7TLI-TR

Note:

1. The list may not be exclusive; all part number endings affected.