



INTEGRATED SILICON SOLUTION, INC.

### Product Change Notification

Date: January 16, 2014

Change Notification No. 64Mb-128Mb-256Mbit--Final

To: ISSI Valued Customers

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

Affected Part Numbers	New Part Numbers
IS42S16400E	IS42S16400J
IS42S16400F	IS42S16400J
IS42S32200E	IS42S32200L
IS42S16800E	IS42S16800F
IS42S81600E	IS42S81600F
IS42S32400E	IS42S32400F
IS42S16160D	IS42S16160G
IS42S83200D	IS42S83200G

Affected Part Numbers	New Part Numbers
IS45S16400E	IS45S16400J
IS45S16400F	IS45S16400J
IS45S32200E	IS45S32200L
IS45S16800E	IS45S16800F
IS45S81600E	IS45S81600F
IS45S32400E	IS45S32400F
IS45S16160D	IS45S16160G
<i>(Detailed part list next pages)</i>	

**Description of Change:** The affected 64Mb, 128Mb, and 256Mb SDRAMs listed above are transitioning from their fab location at Sumpro Electronics Corporation in Taoyuan, Taiwan using a 110nm process to Powerchip Semiconductor Corporation in Hsinchu City, Taiwan using a 72nm process. The new parts 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 this 64Mb, 128Mb, and 256Mb SDRAMs for many years to come, ISSI strongly recommends that customers use the product(s) from the alternate fab and 72nm process technology.



INTEGRATED SILICON SOLUTION, INC.

**Schedule:**

**New Part Status:**

**Change Validation Test Data:**

**Last Time Buy Date (Old product):**

**Last Time Ship Date (Old product):**

Mass Production

Available Now

January 31, 2015

July 31, 2015

Contact: ISSI DRAM Marketing Team

E-mail: [DRAM@issi.com](mailto:DRAM@issi.com)

Ph : 1.408.969.6600

Affected Part Numbers	New Part Numbers
IS42S16400E-6TLI	IS42S16400J-6TLI
IS42S16400F-5BL	IS42S16400J-5BL
IS42S16400F-5BLI	IS42S16400J-5BLI
IS42S16400F-5TL	IS42S16400J-5TL
IS42S16400F-5TLI	IS42S16400J-5TLI
IS42S16400F-6BL	IS42S16400J-6BL
IS42S16400F-6BLI	IS42S16400J-6BLI
IS42S16400F-6TL	IS42S16400J-6TL
IS42S16400F-6TLI	IS42S16400J-6TLI
IS42S16400F-7BL	IS42S16400J-7BL
IS42S16400F-7BLI	IS42S16400J-7BLI
IS42S16400F-7TL	IS42S16400J-7TL
IS42S16400F-7TLI	IS42S16400J-7TLI
IS42S32200E-5TL	IS42S32200L-5TL
IS42S32200E-6BI	IS42S32200L-6BI
IS42S32200E-6BL	IS42S32200L-6BL
IS42S32200E-6BLI	IS42S32200L-6BLI
IS42S32200E-6TL	IS42S32200L-6TL
IS42S32200E-6TLI	IS42S32200L-6TLI
IS42S32200E-7BL	IS42S32200L-7BL
IS42S32200E-7BLI	IS42S32200L-7BLI
IS42S32200E-7TL	IS42S32200L-7TL
IS42S32200E-7TLI	IS42S32200L-7TLI

Affected Part Numbers	New Part Numbers
IS45S16400E-7TLA1	IS45S16400J-7TLA1
IS45S16400E-7TLA2	IS45S16400J-7TLA2
IS45S16400F-6TLA1	IS45S16400J-6TLA1
IS45S16400F-7BLA1	IS45S16400J-7BLA1
IS45S16400F-7BLA2	IS45S16400J-7BLA2
IS45S16400F-7TLA1	IS45S16400J-7TLA1
IS45S16400F-7TLA2	IS45S16400J-7TLA2
IS45S32200E-6BLA2	IS45S32200L-6BLA2
IS45S32200E-6TLA1	IS45S32200L-6TLA1
IS45S32200E-6TLA2	IS45S32200L-6TLA2
IS45S32200E-75ETLA1	IS45S32200L-75ETLA1
IS45S32200E-7BLA1	IS45S32200L-7BLA1
IS45S32200E-7BLA2	IS45S32200L-7BLA2
IS45S32200E-7TLA1	IS45S32200L-7TLA1
IS45S32200E-7TLA2	IS45S32200L-7TLA2

**Notes:**

1. The lists on this page may not be exclusive; all part number endings affected.
2. Part numbers list above, with additional ending -TR (tape & reel) are also affected similarly.



INTEGRATED SILICON SOLUTION, INC.

Affected Part Numbers	New Part Numbers
IS42S16800E-5TL	IS42S16800F-5TL
IS42S16800E-6BL	IS42S16800F-6BL
IS42S16800E-6BLI	IS42S16800F-6BLI
IS42S16800E-6TL	IS42S16800F-6TL
IS42S16800E-6TLI	IS42S16800F-6TLI
IS42S16800E-75EBL	IS42S16800F-7BL
IS42S16800E-75EBLI	IS42S16800F-7BLI
IS42S16800E-75ETL	IS42S16800F-7TL
IS42S16800E-75ETLI	IS42S16800F-7TLI
IS42S16800E-75TL	IS42S16800F-7TL
IS42S16800E-7BL	IS42S16800F-7BL
IS42S16800E-7BLI	IS42S16800F-7BLI
IS42S16800E-7TL	IS42S16800F-7TL
IS42S16800E-7TLI	IS42S16800F-7TLI
IS42S81600E-6TL	IS42S81600F-6TL
IS42S81600E-6TLI	IS42S81600F-6TLI
IS42S81600E-7TL	IS42S81600F-7TL
IS42S81600E-7TLI	IS42S81600F-7TLI
IS42S32400E-6BL	IS42S32400F-6BL
IS42S32400E-6BLI	IS42S32400F-6BLI
IS42S32400E-6TL	IS42S32400F-6TL
IS42S32400E-6TLI	IS42S32400F-6TLI
IS42S32400E-7B	IS42S32400F-7B
IS42S32400E-7BI	IS42S32400F-7BI
IS42S32400E-7BL	IS42S32400F-7BL
IS42S32400E-7BLI	IS42S32400F-7BLI
IS42S32400E-7TL	IS42S32400F-7TL
IS42S32400E-7TLI	IS42S32400F-7TLI
IS42S16160D-6BL	IS42S16160G-6BL
IS42S16160D-6BLI	IS42S16160G-6BLI
IS42S16160D-6TL	IS42S16160G-6TL
IS42S16160D-6TLI	IS42S16160G-6TLI
IS42S16160D-75EBL	IS42S16160G-7BL
IS42S16160D-75EBLI	IS42S16160G-7BLI
IS42S16160D-75ETL	IS42S16160G-7TL
IS42S16160D-75ETLI	IS42S16160G-7TLI
IS42S16160D-7BI	IS42S16160G-7BI
IS42S16160D-7BL	IS42S16160G-7BL

IS42S16160D-7BLI	IS42S16160G-7BLI
IS42S16160D-7TL	IS42S16160G-7TL
IS42S16160D-7TLI	IS42S16160G-7TLI
IS42S83200D-6TL	IS42S83200G-6TL
IS42S83200D-6TLI	IS42S83200G-6TLI
IS42S83200D-75ETL	IS42S83200G-7TL
IS42S83200D-7BL	IS42S83200G-7BL
IS42S83200D-7BLI	IS42S83200G-7BLI
IS42S83200D-7TL	IS42S83200G-7TL
IS42S83200D-7TLI	IS42S83200G-7TLI

Affected Part Numbers	New Part Numbers
IS45S16800E-6TLA1	IS45S16800F-6TLA1
IS45S16800E-7BLA1	IS45S16800F-7BLA1
IS45S16800E-7BLA2	IS45S16800F-7BLA2
IS45S16800E-7TLA1	IS45S16800F-7TLA1
IS45S16800E-7TLA2	IS45S16800F-7TLA2
IS45S81600E-7TLA1	IS45S81600F-7TLA1
IS45S32400E-6TLA1	IS45S32400F-6TLA1
IS45S32400E-7BA1	IS45S32400F-7BA1
IS45S32400E-7BLA1	IS45S32400F-7BLA1
IS45S32400E-7BLA2	IS45S32400F-7BLA2
IS45S32400E-7TLA1	IS45S32400F-7TLA1
IS45S16160D-6BLA1	IS45S16160G-6BLA1
IS45S16160D-75EBLA1	IS45S16160G-7BLA1
IS45S16160D-75ETLA1	IS45S16160G-7TLA1
IS45S16160D-7BA2	IS45S16160G-7BA2
IS45S16160D-7BLA1	IS45S16160G-7BLA1
IS45S16160D-7BLA2	IS45S16160G-7BLA2
IS45S16160D-7TLA1	IS45S16160G-7TLA1
IS45S16160D-7TLA2	IS45S16160G-7TLA2

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