



INTEGRATED SILICON SOLUTION, INC.

Product Change Notification

Date: September 15, 2015

Change Notification No. Mobile-SDR-DRAM-2015

To: ISSI Valued Customers

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

| Affected Part Numbers | New Part Numbers |
|-----------------------|------------------|
| IS42RM16160D | IS42RM16160K |
| IS42RM16160E | IS42RM16160K |
| IS42RM16200C | IS42RM16200D |
| IS42RM16800G | IS42RM16800H |
| IS42RM32160C | IS42RM32160E |
| IS42RM32200K | IS42RM32200M |
| IS42RM32400G | IS42RM32400H |
| IS42RM32800D | IS42RM32800K |
| IS42SM16160D | IS42SM16160K |
| IS42SM16160E | IS42SM16160K |
| IS42SM16200C | IS42SM16200D |
| IS42SM16400K | IS42SM16400M |
| IS42SM16800G | IS42SM16800H |
| IS42SM32100C | IS42SM32100D |
| IS42SM32160C | IS42SM32160E |
| IS42SM32200K | IS42SM32200M |

| Affected Part Numbers | New Part Numbers |
|---------------------------------------|------------------|
| IS42SM32400G | IS42SM32400H |
| IS42SM32800D | IS42SM32800K |
| IS42SM32800E | IS42SM32800K |
| IS42VM16160D | IS42VM16160K |
| IS42VM16160E | IS42VM16160K |
| IS42VM16200C | IS42VM16200D |
| IS42VM16400K | IS42VM16400M |
| IS42VM16800E | IS42VM16800H |
| IS42VM16800G | IS42VM16800H |
| IS42VM32200K | IS42VM32200M |
| IS42VM32400E | IS42VM32400H |
| IS42VM32400G | IS42VM32400H |
| IS42VM32800E | IS42VM32800K |
| IS45VM16800E | IS45VM16800H |
| <i>See detailed list on next page</i> | |

Description of Change: The affected 32Mb, 64Mb, 128Mb, 256Mb, and 512Mb SDRAMs listed above are transitioning from their fab locations at Vanguard International Semiconductor in Taoyuan, Taiwan and Hynix in Korea to Powerchip Semiconductor Corporation in Hsinchu City, Taiwan. The affected parts used 110nm, 99nm, or 80nm process technology. The new parts all 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 1.8V/2.5V/3.3V mobile SDRAM product line long-term. In order to assure the high-quality and availability of these DRAMs for many years to come, ISSI strongly recommends that customers use the product(s) from the alternate fab and 63nm process technology.



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| Affected Part Numbers | New Part Numbers |
|-----------------------|--------------------|
| IS42RM16160D-7BL | IS42RM16160K-6BLI |
| IS42RM16160D-7BLI | IS42RM16160K-6BLI |
| IS42RM16160E-6BLI | IS42RM16160K-6BLI |
| IS42RM16160E-75BLI | IS42RM16160K-75BLI |
| IS42RM16200C-75BLI | IS42RM16200D-75BLI |
| IS42RM16800G-6BLI | IS42RM16800H-6BLI |
| IS42RM16800G-75BLI | IS42RM16800H-75BLI |
| IS42RM32160C-75BL | IS42RM32160E-75BLI |
| IS42RM32160C-75BLI | IS42RM32160E-75BLI |
| IS42RM32200K-6BLI | IS42RM32200M-6BLI |
| IS42RM32400G-6BLI | IS42RM32400H-6BLI |
| IS42RM32400G-75BI | IS42RM32400H-75BI |
| IS42RM32400G-75BLI | IS42RM32400H-75BLI |
| IS42RM32800D-75BL | IS42RM32800K-75BLI |
| IS42RM32800D-75BLI | IS42RM32800K-75BLI |
| IS42SM16160D-7BL | IS42SM16160K-6BLI |
| IS42SM16160D-7BLI | IS42SM16160K-6BLI |
| IS42SM16160E-6BLI | IS42SM16160K-6BLI |
| IS42SM16160E-75BLI | IS42SM16160K-75BLI |
| IS42SM16200C-75BLI | IS42SM16200D-75BLI |
| IS42SM16400K-6BLI | IS42SM16400M-6BLI |
| IS42SM16400K-75BLI | IS42SM16400M-75BLI |
| IS42SM16800G-6BLI | IS42SM16800H-6BI |
| IS42SM16800G-75BI | IS42SM16800H-75BI |
| IS42SM16800G-75BLI | IS42SM16800H-75BLI |
| IS42SM32100C-6BLI | IS42SM32100D-6BLI |
| IS42SM32160C-75BL | IS42SM32160E-75BLI |
| IS42SM32160C-75BLI | IS42SM32160E-75BLI |
| IS42SM32160C-7BLI | IS42SM32160E-6BLI |
| IS42SM32200K-6BLI | IS42SM32200M-6BLI |
| IS42SM32200K-75BLI | IS42SM32200M-75BLI |
| IS42SM32400G-75BI | IS42SM32400H-75BI |
| IS42SM32400G-75BLI | IS42SM32400H-75BLI |
| IS42SM32800D-75BL | IS42SM32800K-75BLI |
| IS42SM32800D-75BLI | IS42SM32800K-75BLI |
| IS42SM32800E-75BLI | IS42SM32800K-75BLI |
| IS42VM16160D-8BL | IS42VM16160K-75BLI |
| IS42VM16160D-8BLI | IS42VM16160K-75BLI |
| IS42VM16160E-6BLI | IS42VM16160K-6BLI |
| IS42VM16160E-75BLI | IS42VM16160K-75BLI |
| IS42VM16200C-75BLI | IS42VM16200D-75BLI |
| IS42VM16400K-6BLI | IS42VM16400M-6BLI |
| IS42VM16400K-75BLI | IS42VM16400M-75BLI |
| IS42VM16800E-75BLI | IS42VM16800H-75BLI |
| IS42VM16800G-6BL | IS42VM16800H-6BLI |

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| IS42VM16800G-6BLI | IS42VM16800H-6BLI |
| IS42VM16800G-75BLI | IS42VM16800H-75BLI |
| IS42VM32200K-6BLI | IS42VM32200M-6BLI |
| IS42VM32200K-75BLI | IS42VM32200M-75BLI |
| IS42VM32400E-75BLI | IS42VM32400H-75BLI |
| IS42VM32400G-6BL | IS42VM32400H-6BLI |
| IS42VM32400G-6BLI | IS42VM32400H-6BLI |
| IS42VM32400G-75BLI | IS42VM32400H-75BLI |
| IS42VM32800E-6BLI | IS42VM32800K-6BLI |
| IS42VM32800E-75BLI | IS42VM32800K-75BLI |
| IS45VM16800E-75BLA1 | IS45VM16800H-75BLA1 |
| IS45VM16800E-75BLA2 | IS45VM16800H-75BLA2 |
| IS42VM16200C-75BLI | IS42VM16200D-75BLI |
| IS42RM16200C-75BLI | IS42RM16200D-75BLI |
| IS42RM16160D-7BL-TR | IS42RM16160K-6BLI-TR |
| IS42RM16160D-7BLI-TR | IS42RM16160K-6BLI-TR |
| IS42RM16160E-6BLI-TR | IS42RM16160K-6BLI-TR |
| IS42RM16160E-75BLI-TR | IS42RM16160K-75BLI-TR |
| IS42RM16200C-75BLI-TR | IS42RM16200D-75BLI-TR |
| IS42RM16800G-6BLI-TR | IS42RM16800H-6BLI-TR |
| IS42RM16800G-75BLI-TR | IS42RM16800H-75BLI-TR |
| IS42RM32160C-75BL-TR | IS42RM32160E-75BLI-TR |
| IS42RM32160C-75BLI-TR | IS42RM32160E-75BLI-TR |
| IS42RM32200K-6BLI-TR | IS42RM32200M-6BLI-TR |
| IS42RM32400G-6BLI-TR | IS42RM32400H-6BLI-TR |
| IS42RM32400G-75BI-TR | IS42RM32400H-75BI-TR |
| IS42RM32400G-75BLI-TR | IS42RM32400H-75BLI-TR |
| IS42RM32800D-75BL-TR | IS42RM32800K-75BLI-TR |
| IS42RM32800D-75BLI-TR | IS42RM32800K-75BLI-TR |
| IS42SM16160D-7BL-TR | IS42SM16160K-6BLI-TR |
| IS42SM16160D-7BLI-TR | IS42SM16160K-6BLI-TR |
| IS42SM16160E-6BLI-TR | IS42SM16160K-6BLI-TR |
| IS42SM16160E-75BLI-TR | IS42SM16160K-75BLI-TR |
| IS42SM16200C-75BLI-TR | IS42SM16200D-75BLI-TR |
| IS42SM16400K-6BLI-TR | IS42SM16400M-6BLI-TR |
| IS42SM16400K-75BLI-TR | IS42SM16400M-75BLI-TR |
| IS42SM16800G-6BLI-TR | IS42SM16800H-6BI-TR |
| IS42SM16800G-75BI-TR | IS42SM16800H-75BI-TR |
| IS42SM16800G-75BLI-TR | IS42SM16800H-75BLI-TR |
| IS42SM32100C-6BLI-TR | IS42SM32100D-6BLI-TR |
| IS42SM32160C-75BL-TR | IS42SM32160E-75BLI-TR |
| IS42SM32160C-75BLI-TR | IS42SM32160E-75BLI-TR |
| IS42SM32160C-7BLI-TR | IS42SM32160E-6BLI-TR |
| IS42SM32200K-6BLI-TR | IS42SM32200M-6BLI-TR |
| IS42SM32200K-75BLI-TR | IS42SM32200M-75BLI-TR |
| IS42SM32400G-75BI-TR | IS42SM32400H-75BI-TR |



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|------------------------|------------------------|
| IS42SM32400G-75BLI-TR | IS42SM32400H-75BLI-TR |
| IS42SM32800D-75BL-TR | IS42SM32800K-75BLI-TR |
| IS42SM32800D-75BLI-TR | IS42SM32800K-75BLI-TR |
| IS42SM32800E-75BLI-TR | IS42SM32800K-75BLI-TR |
| IS42VM16160D-8BL-TR | IS42VM16160K-75BLI-TR |
| IS42VM16160D-8BLI-TR | IS42VM16160K-75BLI-TR |
| IS42VM16160E-6BLI-TR | IS42VM16160K-6BLI-TR |
| IS42VM16160E-75BLI-TR | IS42VM16160K-75BLI-TR |
| IS42VM16200C-75BLI-TR | IS42VM16200D-75BLI-TR |
| IS42VM16400K-6BLI-TR | IS42VM16400M-6BLI-TR |
| IS42VM16400K-75BLI-TR | IS42VM16400M-75BLI-TR |
| IS42VM16800E-75BLI-TR | IS42VM16800H-75BLI-TR |
| IS42VM16800G-6BL-TR | IS42VM16800H-6BLI-TR |
| IS42VM16800G-6BLI-TR | IS42VM16800H-6BLI-TR |
| IS42VM16800G-75BLI-TR | IS42VM16800H-75BLI-TR |
| IS42VM32200K-6BLI-TR | IS42VM32200M-6BLI-TR |
| IS42VM32200K-75BLI-TR | IS42VM32200M-75BLI-TR |
| IS42VM32400E-75BLI-TR | IS42VM32400H-75BLI-TR |
| IS42VM32400G-6BL-TR | IS42VM32400H-6BLI-TR |
| IS42VM32400G-6BLI-TR | IS42VM32400H-6BLI-TR |
| IS42VM32400G-75BLI-TR | IS42VM32400H-75BLI-TR |
| IS42VM32800E-6BLI-TR | IS42VM32800K-6BLI-TR |
| IS42VM32800E-75BLI-TR | IS42VM32800K-75BLI-TR |
| IS45VM16800E-75BLA1-TR | IS45VM16800H-75BLA1-TR |
| IS45VM16800E-75BLA2-TR | IS45VM16800H-75BLA2-TR |
| IS42VM16200C-75BLI-TR | IS42VM16200D-75BLI-TR |
| IS42RM16200C-75BLI-TR | IS42RM16200D-75BLI-TR |

| Affected Part Numbers | New Part Numbers |
|-----------------------|--------------------|
| IS42SM16160D-7TL | IS42S16160J-7TL |
| IS42VM16160D-8TLI | IS42VS16160J-75TLI |
| IS42RM32800D-75TLI | IS42R32800J-7TLI |
| IS42SM16800E-75ETLI | IS42S16800F-7TLI |

Note:

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

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

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