



INTEGRATED SILICON SOLUTION, INC.

Product Change Notification

Date: September 15, 2015

Change Notification No. Mobile-DDR-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
IS43LR16160F	IS43LR16160G
IS43LR16200C	IS43LR16200D
IS43LR16400B	IS43LR16400C
IS43LR16800F	IS43LR16800G
IS43LR32100C	IS43LR32100D
IS43LR32200B	IS43LR32200C
IS43LR32400F	IS43LR32400G
IS43LR32800F	IS43LR32800G
<i>See detailed list on next page</i>	

Description of Change: The affected 32Mb, 64Mb, 128Mb, and 256Mb Mobile DDR DRAMs 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 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 LPDDR RAM product line long-term. In order to assure the high-quality and availability of the 32Mb, 64Mb, 128Mb, and 256Mb Mobile DDR DRAM for many years to come, ISSI strongly recommends that customers use the new product(s).

Schedule:

New Part Status:	Mass Production
Change Validation Test Data:	Available Now
Last Time Buy Date (Old product):	March 30, 2016
Last Time Ship Date (Old product):	June 30, 2016



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Affected Part Numbers	New Part Numbers
IS43LR16160F-5BLI	IS43LR16160G-5BLI
IS43LR16160F-6BL	IS43LR16160G-6BL
IS43LR16160F-6BLI	IS43LR16160G-6BLI
IS43LR16200C-6BLI	IS43LR16200D-6BLI
IS43LR16400B-6BL	IS43LR16400C-6BL
IS43LR16400B-6BLI	IS43LR16400C-6BLI
IS43LR16800F-6BL	IS43LR16800G-6BL
IS43LR16800F-6BLI	IS43LR16800G-6BLI
IS43LR32100C-6BLI	IS43LR32100D-6BLI
IS43LR32200B-6BLI	IS43LR32200C-6BLI
IS43LR32400F-6BL	IS43LR32400G-6BL
IS43LR32400F-6BLI	IS43LR32400G-6BLI
IS43LR32800F-6BL	IS43LR32800G-6BL
IS43LR32800F-6BLI	IS43LR32800G-6BLI
IS43LR16160F-5BLI-TR	IS43LR16160G-5BLI-TR
IS43LR16160F-6BL-TR	IS43LR16160G-6BL-TR
IS43LR16160F-6BLI-TR	IS43LR16160G-6BLI-TR
IS43LR16200C-6BLI-TR	IS43LR16200D-6BLI-TR
IS43LR16400B-6BL-TR	IS43LR16400C-6BL-TR
IS43LR16400B-6BLI-TR	IS43LR16400C-6BLI-TR
IS43LR16800F-6BL-TR	IS43LR16800G-6BL-TR
IS43LR16800F-6BLI-TR	IS43LR16800G-6BLI-TR
IS43LR32100C-6BLI-TR	IS43LR32100D-6BLI-TR
IS43LR32200B-6BLI-TR	IS43LR32200C-6BLI-TR
IS43LR32400F-6BL-TR	IS43LR32400G-6BL-TR
IS43LR32400F-6BLI-TR	IS43LR32400G-6BLI-TR
Note: 1. The list may not be exclusive; all part number endings affected.	

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