



INTEGRATED SILICON SOLUTION, INC.

Product Change Notification

Date: January 16, 2014

Change Notification No. 256Mb DDR2 RevA-Final

To: ISSI Valued Customers

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

Affected Part Number	New Part Number
IS43DR16160A	IS43DR16160B
<i>(Detailed part list next page)</i>	

Affected Part Number	New Part Number
IS46DR16160A	IS46DR16160B
<i>(Detailed part list next page)</i>	

Description of Change: The affected 256Mb DDR2 DRAM listed above is transitioning from its fab location at Sumpro Electronics Corporation in Taoyuan, Taiwan using a 99nm process (IS46DR16160A) to Powerchip Semiconductor Corporation in Hsinchu City, Taiwan using a 63nm process (IS46DR16160B). The new part is backward-compatible with the same in fit, form, and function as the old part.

Rationale for Change:

ISSI continues to develop and support its DDR2 product line long-term. In order to assure the high-quality and availability of this 256Mb DDR2 DRAM 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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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

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Affected Part Numbers	New Part Numbers
IS43DR16160A-5BBLI	IS43DR16160B-37CBLI
IS43DR16160A-37CBLI	IS43DR16160B-37CBLI
IS43DR16160A-3DBI	IS43DR16160B-3DBI
IS43DR16160A-37CBL	IS43DR16160B-37CBL
IS43DR16160A-3DBL	IS43DR16160B-3DBL
IS43DR16160A-3DBLI	IS43DR16160B-3DBLI
IS43DR16160A-25EBLI	IS43DR16160B-25DBLI
IS43DR16160A-25EBL	IS43DR16160B-25DBL
IS46DR16160A-37CBLA1	IS46DR16160B-37CBLA1
IS46DR16160A-5BBLA2	IS46DR16160B-3DBLA2
IS46DR16160A-5BBA2	IS46DR16160B-3DBA2

Notes:

1. The list 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.
3. A part number with a faster speed grade is backward-compatible to a part number with a slower speed grade.