



INTEGRATED SILICON SOLUTION, INC.

**Product Change Notification**

**Date:** January 16, 2018

**Change Notification No.** IS43TR16640A/AL

**To:** ISSI Customers

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

**Affected Part Numbers:** IS43TR16640A, IS43TR16640AL  
**New Part Numbers:** IS43TR16640B, IS43TR16640BL

**Description of Change:** The affected part numbers for the 64Mx16 DDR3 DRAM above are being replaced. The replacement parts (IS43TR16640B/BL) use 30nm process technology, and have the same form, fit and function as the older parts (IS43TR16640A/AL), which use 50nm process technology. The fab location remains at Nanya in Taoyuan, Taiwan.

**Rationale for Change:**

The fab has EOL'd the older 50nm process technology. The transition to the backward-compatible product with a smaller technology node assures better support for ISSI's 1Gb DDR3 DRAMs.

**Schedule:**

<b>New Part Status:</b>	Mass Production
<b>Change Validation Test Data:</b>	Available Now

Please contact us as soon as possible regarding the transition to our recommended replacement part.

**Marketing:** Charles McLaren  
**Title** Director of DRAM Marketing  
**Phone #** 1-408-969-46600  
**E-mail:** DRAM@issi.com

**Old part number****New part number**

IS43TR16640A-125JBL	IS43TR16640B-125JBL
IS43TR16640A-125JBLI	IS43TR16640B-125JBLI
IS43TR16640A-125JBLI-TR	IS43TR16640B-125JBLI-TR
IS43TR16640A-125JBL-TR	IS43TR16640B-125JBL-TR
IS43TR16640A-15GBL	IS43TR16640B-15GBL
IS43TR16640A-15GBLI	IS43TR16640B-15GBLI
IS43TR16640A-15GBLI-TR	IS43TR16640B-15GBLI-TR
IS43TR16640A-15GBL-TR	IS43TR16640B-15GBL-TR
IS43TR16640AL-125JBL	IS43TR16640BL-125JBL
IS43TR16640AL-125JBLI	IS43TR16640BL-125JBLI
IS43TR16640AL-125JBLI-TR	IS43TR16640BL-125JBLI-TR
IS43TR16640AL-125JBL-TR	IS43TR16640BL-125JBL-TR
IS46TR16640A-125JBLA1	IS46TR16640B-125JBLA1
IS46TR16640A-125JBLA1-TR	IS46TR16640B-125JBLA1-TR
IS46TR16640A-125JBLA2	IS46TR16640B-125JBLA2
IS46TR16640A-125JBLA2-TR	IS46TR16640B-125JBLA2-TR
IS46TR16640A-15GBLA1	IS46TR16640B-15GBLA1
IS46TR16640A-15GBLA1-TR	IS46TR16640B-15GBLA1-TR
IS46TR16640A-15GBLA2	IS46TR16640B-15GBLA2
IS46TR16640A-15GBLA2-TR	IS46TR16640B-15GBLA2-TR
IS46TR16640AL-125JBLA1	IS46TR16640BL-125JBLA1
IS46TR16640AL-125JBLA1-TR	IS46TR16640BL-125JBLA1-TR
IS46TR16640AL-125JBLA2	IS46TR16640BL-125JBLA2
IS46TR16640AL-125JBLA2-TR	IS46TR16640BL-125JBLA2-TR