



Product Change Notification

Date: February 9, 2021

Change Notification No. IS49RL36160-18320-3MO-VC2

To: Valued Customers

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

Affected ISSI Part Numbers: IS49RL36160 and IS49RL18320
Replacement ISSI Part Numbers: IS49RL36160A and IS49RL18320A

Affected Part Numbers	Recommended Replacement Part Numbers
IS49RL36160-125BL	IS49RL36160A-107EBL
IS49RL36160-125BLI	IS49RL36160A-107EBLI
IS49RL36160-125EBL	IS49RL36160A-107EBL
IS49RL36160-125EBLI	IS49RL36160A-107EBLI
IS49RL36160-125FBL	IS49RL36160A-107EBL
IS49RL36160-125FBLI	IS49RL36160A-107EBLI
IS49RL36160-107BL	IS49RL36160A-107EBL
IS49RL36160-107BLI	IS49RL36160A-107EBLI
IS49RL36160-107EBL	IS49RL36160A-107EBL
IS49RL36160-107EBLI	IS49RL36160A-107EBLI
IS49RL36160-093BL	IS49RL36160A-093EBL
IS49RL36160-093BLI	IS49RL36160A-093EBLI
IS49RL36160-093EBL	IS49RL36160A-093EBL
IS49RL36160-093EBLI	IS49RL36160A-093EBLI

IS49RL18320-125BL	IS49RL18320A-107EBL
IS49RL18320-125BLI	IS49RL18320A-107EBLI
IS49RL18320-125EBL	IS49RL18320A-107EBL
IS49RL18320-125EBLI	IS49RL18320A-107EBLI
IS49RL18320-125FBL	IS49RL18320A-107EBL
IS49RL18320-125FBLI	IS49RL18320A-107EBLI
IS49RL18320-107BL	IS49RL18320A-107EBL
IS49RL18320-107BLI	IS49RL18320A-107EBLI
IS49RL18320-107EBL	IS49RL18320A-107EBL
IS49RL18320-107EBLI	IS49RL18320A-107EBLI
IS49RL18320-093BL	IS49RL18320A-093EBL
IS49RL18320-093BLI	IS49RL18320A-093EBLI
IS49RL18320-093EBL	IS49RL18320A-093EBL
IS49RL18320-093EBLI	IS49RL18320A-093EBLI

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Product Change Notification *(continued)*

Notes:

1. The recommended replacement part endings may be an upgrade speed option. However, all speed options are specified to be fully backward compatible with slower speed options.
2. Two options for a JTAG feature can be supported for the replacement. The use of Boundary Scan is optional, but in using it, there is a register of either 121 cells or 135 cells. The old part had 121 cells, while the new part has increased coverage to 135 cells by default. To order the option with 135 cells, refer to the respective part in the list; to use the options with 121 cells, use the part number, but add the "2" digit after the "B", for example, IS49RL18320A-093EB2L will have support for 121 boundary cells, while IS49RL18320A-093EBL will have support for 135 boundary cells. If not using the boundary scan feature, the parts IS49RL18320A-093EBL and IS49RL18320A-093EB2L will have identical function in every way.

Description of Change: The 576Mb RLDRAM3 is changing to a smaller process technology and fab. The replacement part has the same form, fit and function as the existing one. The fab and process changes from a Micron process in USA to a 25nm Powerchip process in Taiwan. The assembly location remains unchanged.

Rationale for Change:

This fab process for the affected part numbers is phasing out by the manufacturer. The newer process will extend longevity for the 576Mb RLDRAM replacement parts.

Schedule:

New Part Status:	Samples available
Change Validation Test Data:	Completion in July
Affected part Last-Time-Buy Date (LTB):	April 1, 2021
Affected part Last-Time-Shipdate (LTS):	October 31, 2021

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