

Customer Update XCU019702

Improving the Cost of Performance: XC3000 and XC3100A

(XC3000 -70 and XC3100A -5 Replacement Guide)

Summary

With the recent reduction of the XC3000 -100 and XC3100A -4 speedgrade premiums, Xilinx is able to offer replacements for the XC3000 -70 and the XC3100A -5. The XC3000 -100 replaces the XC3000 -70 and the XC3100A -4 replaces the XC3100A -5.

The replacement part numbers are form, fit and functionally compatible with the XC3000 -70 and XC3000 -5 part numbers. Please see the attached table for the individual part numbers and their corresponding replacement part numbers.

Timeline

Xilinx will continue to accept orders for the XC3000 -70 (Commercial and Industrial temperature grades) and the XC3100A -5 (Commercial and Industrial temperature grades) speedgrades until January 31, 1998. Last shipments of these products will occur no later than April 30, 1998. (Please see [PDN97003](#) and [PDN97004](#)).

Notification	January 30, 1997	(PDN97003 and PDN97004)
Press Release	February 3, 1997	
Last Time Buy	January 31, 1998	
Last Time Ship	April 30, 1998	

Please contact your local Xilinx Sales Representative if you require additional information, or assistance, regarding the changes described in this customer advisory.

DISCONTINUED XC3020

	Primary Alternative	Secondary Alternative
XC3020-70PC68C	XC3020A-7PC68C	XC3020-100PC68C
XC3020-70PC68I	XC3020A-7PC68I	XC3020-100PC68I
XC3020-70PC84C	XC3020A-7PC84C	XC3020-100PC84C
XC3020-70PC84I	XC3020A-7PC84I	XC3020-100PC84I
XC3020-70PQ100C	XC3020A-7PQ100C	XC3020-100PQ100C
XC3020-70PQ100I	XC3020A-7PQ100I	XC3020-100PQ100I
XC3020-70PG84C	XC3020A-7PG84C	XC3020-100PG84C
XC3020-70PG84I	XC3020A-7PG84I	XC3020-100PG84I

DISCONTINUED XC3030

	Primary Alternative	Secondary Alternative
XC3030-70PC44C	XC3030A-7PC44C	XC3030-100PC44C
XC3030-70PC44I	XC3030A-7PC44I	XC3030-100PC44I
XC3030-70PC68C	XC3030A-7PC68C	XC3030-100PC68C

XC3030-70PC68I	XC3030A-7PC68I	XC3030-100PC68I
XC3030-70PC84C	XC3030A-7PC84C	XC3030-100PC84C
XC3030-70PC84I	XC3030A-7PC84I	XC3030-100PC84I
XC3030-70PQ100C	XC3030A-7PQ100C	XC3030-100PQ100C
XC3030-70PQ100I	XC3030A-7PQ100I	XC3030-100PQ100I
XC3030-70TQ100C	XC3030A-7TQ100C	XC3030-100TQ100C
XC3030-70PG84C	XC3030A-7PG84C	XC3030-100PG84C
XC3030-70PG84I	XC3030A-7PG84I	XC3030-100PG84I

**DISCONTINUED
XC3042**

	Primary Alternative	Secondary Alternative
XC3042-70PC84C	XC3042A-7PC84C	XC3042-100PC84C
XC3042-70PC84I	XC3042A-7PC84I	XC3042-100PC84I
XC3042-70PQ100C	XC3042A-7PQ100C	XC3042-100PQ100C
XC3042-70PQ100I	XC3042A-7PQ100I	XC3042-100PQ100I
XC3042-70TQ100C	XC3042A-7TQ100C	XC3042-100TQ100C
XC3042-70PP132C	XC3042A-7PP132C	XC3042-100PP132C
XC3042-70PP132I	XC3042A-7PP132I	XC3042-100PP132I
XC3042-70PG84C	XC3042A-7PG84C	XC3042-100PG84C
XC3042-70PG84I	XC3042A-7PG84I	XC3042-100PG84I
XC3042-70PG132C	XC3042A-7PG132C	XC3042-100PG132C
XC3042-70PG132I	XC3042A-7PG132I	XC3042-100PG132I

**DISCONTINUED
XC3064**

	Primary Alternative	Secondary Alternative
XC3064-70PC84C	XC3064A-7PC84C	XC3064-100PC84C
XC3064-70PC84I	XC3064A-7PC84I	XC3064-100PC84I
XC3064-70PQ160C	XC3064A-7PQ160C	XC3064-100PQ160C
XC3064-70PQ160I	XC3064A-7PQ160I	XC3064-100PQ160I
XC3064-70PP132C	XC3064A-7PP132C	XC3064-100PP132C
XC3064-70PP132I	XC3064A-7PP132I	XC3064-100PP132I
XC3064-70PG132C	XC3064A-7PG132C	XC3064-100PG132C
XC3064-70PG132I	XC3064A-7PG132I	XC3064-100PG132I

**DISCONTINUED
XC3090**

	Primary Alternative	Secondary Alternative
XC3090-70PC84C	XC3090A-7PC84C	XC3090-100PC84C
XC3090-70PC84I	XC3090A-7PC84I	XC3090-100PC84I
XC3090-70PQ160C	XC3090A-7PQ160C	XC3090-100PQ160C
XC3090-70PQ160I	XC3090A-7PQ160I	XC3090-100PQ160I
XC3090-70PQ208C	XC3090A-7PQ208C	XC3090-100PQ208C
XC3090-70PQ208I	XC3090A-7PQ208I	XC3090-100PQ208I
XC3090-70PP175C	XC3090A-7PP175C	XC3090-100PP175C
XC3090-70PP175I	XC3090A-7PP175I	XC3090-100PP175I
XC3090-70PG175C	XC3090A-7PG175C	XC3090-100PG175C
XC3090-70PG175I	XC3090A-7PG175I	XC3090-100PG175I

**DISCONTINUED
XC3120A**

XC3120A-5PC68C
XC3120A-5PC68I
XC3120A-5PC84C
XC3120A-5PC84I
XC3120A-5PQ100C
XC3120A-5PQ100I
XC3120A-5PG84C
XC3120A-5PG84I

Replacement

XC3120A-4PC68C
XC3120A-4PC68I
XC3120A-4PC84C
XC3120A-4PC84I
XC3120A-4PQ100C
XC3120A-4PQ100I
XC3120A-4PG84C
XC3120A-4PG84I

**DISCONTINUED
XC3130A**

XC3130A-5PC44C
XC3130A-5PC44I
XC3130A-5PC68C
XC3130A-5PC68I
XC3130A-5PC84C
XC3130A-5PC84I
XC3130A-5PQ100C
XC3130A-5PQ100I
XC3130A-5VQ64C
XC3130A-5VQ64I
XC3130A-5VQ100C
XC3130A-5VQ100I
XC3130A-5PG84C
XC3130A-5PG84I

Replacement

XC3130A-4PC44C
XC3130A-4PC44I
XC3130A-4PC68C
XC3130A-4PC68I
XC3130A-4PC84C
XC3130A-4PC84I
XC3130A-4PQ100C
XC3130A-4PQ100I
XC3130A-4VQ64C
XC3130A-4VQ64I
XC3130A-4VQ100C
XC3130A-4VQ100I
XC3130A-4PG84C
XC3130A-4PG84I

**DISCONTINUED
XC3142A**

XC3142A-5PC84C
XC3142A-5PC84I
XC3142A-5PQ100C
XC3142A-5PQ100I
XC3142A-5VQ100C
XC3142A-5VQ100C
XC3142A-5TQ144C
XC3142A-5TQ144C
XC3142A-5PP132C
XC3142A-5PP132I
XC3142A-5PG84C
XC3142A-5PG84I
XC3142A-5PG132C
XC3142A-5PG132I

Replacement

XC3142A-4PC84C
XC3142A-4PC84I
XC3142A-4PQ100C
XC3142A-4PQ100I
XC3142A-4VQ100C
XC3142A-4VQ100C
XC3142A-4TQ144C
XC3142A-4TQ144C
XC3142A-4PP132C
XC3142A-4PP132I
XC3142A-4PG84C
XC3142A-4PG84I
XC3142A-4PG132C
XC3142A-4PG132I

**DISCONTINUED
XC3164A****Replacement**

XC3164A-5PC84C	XC3164A-4PC84C
XC3164A-5PC84I	XC3164A-4PC84I
XC3164A-5PQ160C	XC3164A-4PQ160C
XC3164A-5PQ160I	XC3164A-4PQ160I
XC3164A-5TQ144C	XC3164A-4TQ144C
XC3164A-5TQ144I	XC3164A-4TQ144C
XC3164A-5PP132C	XC3164A-4PP132C
XC3164A-5PP132I	XC3164A-4PP132I
XC3164A-5PG132C	XC3164A-4PG132C
XC3164A-5PG132I	XC3164A-4PG132I

**DISCONTINUED
XC3190A**

XC3190A-5PC84C	XC3190A-4PC84C
XC3190A-5PC84I	XC3190A-4PC84I
XC3190A-5PQ160C	XC3190A-4PQ160C
XC3190A-5PQ160I	XC3190A-4PQ160I
XC3190A-5PQ208C	XC3190A-4PQ208C
XC3190A-5PQ208I	XC3190A-4PQ208I
XC3190A-5TQ176C	XC3190A-4TQ176C
XC3190A-5TQ176I	XC3190A-4TQ176I
XC3190A-5PP175C	XC3190A-4PP175C
XC3190A-5PP175I	XC3190A-4PP175I
XC3190A-5PG175C	XC3190A-4PG175C
XC3190A-5PG175I	XC3190A-4PG175I

Replacement

**DISCONTINUED
XC3195A**

XC3195A-5PC84C	XC3195A-4PC84C
XC3195A-5PC84I	XC3195A-4PC84I
XC3195A-5PQ160C	XC3195A-4PQ160C
XC3195A-5PQ160I	XC3195A-4PQ160I
XC3195A-5PQ208C	XC3195A-4PQ208C
XC3195A-5PQ208I	XC3195A-4PQ208I
XC3195A-5PP175C	XC3195A-4PP175C
XC3195A-5PP175I	XC3195A-4PP175I
XC3195A-5PG175C	XC3195A-4PG175C
XC3195A-5PG175I	XC3195A-4PG175I
XC3195A-5PG223C	XC3195A-4PG223C
XC3195A-5PG223I	XC3195A-4PG223I

Replacement