PRODUCT CHANGE NOTICE

XMOS®

PCN #	005881	**Initiator**	Sunny Suen	**Date**	16th Jun 2014
PCN Title	XS1-A Series 10x10mm 96FBGA Substrates Ground Configuration Improvement				

LEVEL OF CHANGE

☐ Customer Approval   ☒ Customer Information

CHANGE AFFECTS

☐ Material Change   ☐ Process Change
☐ Design Change   ☒ Package Change
☐ Datasheet Change   ☐ Others, please specify:

DESCRIPTION OF CHANGE:

The change is to improve the analog and digital ground separation on XS1-A series 96 balls FBGA devices. This requires the re-assignment of one ball on device package to a dedicated analog ground. This change results in the reduction of noise level in the analog circuits.

XS1-A series 96 Balls FBGA products ➔ Ball F5 re-assigned from GND to AVSS

ANTICIPATED IMPACT:

This change is backward compatible - the newly created analog ground domain will still be connected together with digital ground domain on customer products.

XMOS PART NUMBERS AFFECTED:

XS1-A6A-64-FB96-C4	XS1-A8A-64-FB96-C4
XS1-A6A-64-FB96-C5	XS1-A8A-64-FB96-C5
XS1-A6A-64-FB96-I4	XS1-A8A-64-FB96-I4
XS1-A6A-64-FB96-I5	XS1-A8A-64-FB96-I5

CUSTOMER PART NUMBERS AFFECTED (If applicable):

n/a

IDENTIFICATION OF CHANGED PRODUCT (if applicable):

Products with date code 1422 and after.

PROPOSED CHANGE SAMPLES AVAILABLE: 16th June, 2014

PROPOSED CHANGE FIRST SHIP DATE: 1st November, 2014

QUALIFICATION COMPLETION DATE: 13th June, 2014

SUPPORTING DATA:

Qualification samples were tested and passed production test program.

OBSOLESCENCE NOTIFICATION (If Applicable):

Last Time Buy Date	n/a
Last Time Ship Date	n/a
Alternate Part Recommendation	n/a

CUSTOMER ACKNOWLEDGEMENT (Please reply by): n/a

Please note: if no reply by the above date, all changes described in this announcement are

deemed approved **-** http://www.xmos.com/contact			
Comments			
Customer		**Location**	
Signature		**Date**	