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DATE: 2 July, 2020

PCN #: 2466

PCN Title: Package Change and Additional Qualified Plating Source

Dear Customer:

This is an announcement of change(s) to products that are currently being offered by Diodes Incorporated.

We request that you acknowledge receipt of this notification within 30 days of the date of this PCN. If you require samples for evaluation purposes, please make a request within 30 days as well. Otherwise, samples may not be built prior to this change. Please refer to the implementation date of this change as it is stated in the attached PCN form. Please contact your local Diodes sales representative to acknowledge receipt of this PCN and for any sample requests.

The changes announced in this PCN will not be implemented earlier than 90 days from the notification date stated in the attached PCN form.

Previously agreed upon customer specific change process requirements or device specific requirements will be addressed separately.

For questions or clarification regarding this PCN, please contact your local Diodes sales representative.

Sincerely,

Diodes Incorporated PCN Team



**PRODUCT CHANGE NOTICE**

**PCN-2466 REV 1**

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
2 July, 2020	2 October, 2020	Analog Semiconductors	Package Change and Additional Qualified Plating Source	<b>2466</b>
TITLE				
Package Change and Additional Qualified Plating Source				
DESCRIPTION OF CHANGE				
<p>This PCN is being issued to notify customers that in order to assure continuity of supply, Diodes is making a packaging change in its NX71 CXO family of crystal oscillator products from a 6 pad to a 4 pad package. Please see Table 1A for drawing details. Diodes also qualified an additional plating source in Greatek Electronics Inc. (GTK) facility located in Zhunan Taiwan. Full electrical characterization and high reliability testing has been completed to ensure there is no change to device functionality or electrical specifications in the datasheet. Refer to the attached Qualification / Reliability Reports (embedded in this report).</p>				
IMPACT				
Continuity of Supply. No change in data sheet electrical parameters and product performance.				
PRODUCTS AFFECTED				
<p>Table 1 - NX71 CXO family package change from 6 pad to 4 pad            Table 1A – Package Drawing of Current vs. New package changes            Table 2 – Additional Plating Source – (GTK) plating process for LQFP / TQFP / QFP / SSOP / SOP</p>				
WEB LINKS				
<b>Manufacturer’s Notice:</b>	<a href="https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/">https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/</a>			
<b>For More Information Contact:</b>	<a href="http://www.diodes.com/contacts">http://www.diodes.com/contacts</a>			
<b>Data Sheet:</b>	<a href="http://www.diodes.com/products">http://www.diodes.com/products</a>			
DISCLAIMER				
<p><b>Unless a Diodes Incorporated Sales representative is contacted in writing within 30 days of the posting of this notice, all changes described in this announcement are considered approved.</b></p>				

**Table 1 - NX71 CXO family package change from 6 pad to 4 pad**

NX7011A0100.000000	NX71225002	NX71590001	NX71733001	NX71A40001	
NX7011D0074.175824	NX71237001	NX71600001	NX71741001	NX71C50001	
NX7011D0074.250000	NX71250002	NX71633001	NX71742001	NX71C50003	
NX7011E0051.609600	NX7125003Z	NX71700001	NX71915001	NX71E83001	
NX7011E0059.000000	NX71262001	NX71706001	NX71A00001	NX71E83002	

**Table 2 – Additional Plating Source – (GTK) plating process for LQFP / TQFP / QFP / SSOP / SOP**

PI2EQX3211BHE-2017	PI3HDMI2410FFEX-2017	PI5C3251QE	PI6C2405A-1WE	PI6CXG06F62AFBEIEX	PI7C9X2G404SLBFDEX
PI2EQX3211BHEX-2017	PI3HDMI301FFE	PI5C3251QEX	PI6C2405A-1WEX	PI6CXG06F62BFBEIE	PI7C9X2G404SLBQFDE
PI3B3125QEX	PI3HDMI301FFE-2017	PI5C3251QEX-1507	PI6C2409-1HWE	PI6CXG06F62BFBEIEX	PI7C9X2G404SLBQFDEX
PI3B3126QE-2017	PI3HDMI301FFEX	PI5C3253QE	PI6C2409-1HWEX	PI7C8140AMAE	PI7C9X2G404SVAFDEEX
PI3B3126QEX	PI3HDMI301FFEX-2017	PI5C3253QEX	PI6C4853111FAE	PI7C8140AMAE-2017	PI7C9X440SLBFDE
PI3B3126QEX-2017	PI3HDMI336FBE	PI5C3257QE	PI6C4853111FAEX	PI7C8150AMAE	PI7C9X440SLBFDE-2017
PI3B3245QEX-2017	PI3HDMI336FBEX	PI5C3257QE-2017	PI6C485311WE	PI7C8150AMAE-33	PI7C9X440SLBFDEX
PI3B3251QE	PI3HDMI521FBE	PI5C3257QEX	PI6C485311WEX	PI7C8150BMAE	PI7C9X440SLBFDEX-2017
PI3B3251QEX	PI3HDMI521FBEX	PI5C3384QE	PI6C485352FAE	PI7C8150BMAE-2017	PI7C9X440SLBFDEX-36
PI3B3251QEX-2017	PI3HDX414FCEE	PI5C3384QE-1507	PI6C485352FAE-2017	PI7C8150BMAIE	PI7C9X442SLBFDE
PI3B3253QE-2017	PI3HDX414FCEEX	PI5C3384QE-2017	PI6C485352FAEX	PI7C8952FAE	PI7C9X442SLBFDEX
PI3B3253QEX	PI3HDX621FBE	PI5C3384QEX	PI6C485352FAEX-2017	PI7C8952FAE	PI7C9X752FAE
PI3B3253QEX-2017	PI3HDX621FBEX	PI5C3384QEX-1507	PI6C4911510-05FAIE	PI7C9X111SLBFDE	PI7C9X752FAEX
PI3B3257QE	PI3L100QEX	PI5C3384QEX-2017	PI6C4911510-05FAIEX	PI7C9X111SLBFDE-2017	PI7C9X754FCE
PI3B3257QE-2017	PI3L110QE	PI5C3861QE	PI6C4911510FAEIE	PI7C9X111SLBFDEX	PI7C9X754FCEX
PI3B3257QEX	PI3L110QE-2017	PI5C3861QE-2017	PI6C4911510FAEIE	PI7C9X111SLBFDEX-2017	PI7C9X754FFE
PI3B3257QEX-2017	PI3L110QEX	PI5C3861QEX	PI6C4911510FAIE	PI7C9X112SLFDE	PI7C9X754FFEX
PI3B3257WEX-2017	PI3V312QE-2017	PI5C3861QEX-2017	PI6C4911510FAIEX	PI7C9X112SLFDEX	PI7C9X754ME
PI3B3861QE	PI3V312QEX	PI5L200WE	PI6C49CB02Q2WEX	PI7C9X113SLFDE	PI7C9X794FCE
PI3B3861QEX	PI3V312QEX-2017	PI5L200WEX	PI6C49CB02Q3WEX	PI7C9X113SLFDE-2017	PI7C9X794FCEX
PI3C3125WEX	PI3V512QE-2017	PI5V330QE	PI6C49CB04AQ2WEX	PI7C9X113SLFDEX	PI7C9X7952BFDE
PI3C3126QE	PI3V512QEX	PI5V330QEX	PI6C49S1506FAIE	PI7C9X113SLFDEX-2017	PI7C9X7952BFDE-MOXA
PI3C3126QEX	PI3V512QEX-2017	PI5V330SQE-2017	PI6C49S1506FAIEX	PI7C9X118SLFDE	PI7C9X7952BFDE-MOXAX
PI3C3245QE	PI3VT3245-AQE	PI5V330SQEX	PI6C49X0201WIE	PI7C9X118SLFDEX	PI7C9X7952BFDEX
PI3C3245QEX	PI3VT3245-AQEX	PI5V330SWE	PI6C49X0201WIE	PI7C9X119SLFDE	PI7C9X7952BFDEX-55
PI3C3384QE	PI49FCT20807HE	PI5V330SWEX	PI6C49X0202WIE	PI7C9X119SLFDEX	PI7C9X7954BFDE
PI3C3384QEX	PI49FCT20807HEX	PI5V331QE	PI6C49X0202WIE	PI7C9X20303SLCFDE	PI7C9X7954BFDE-MOXA
PI3C3861-AQEX	PI49FCT3807BQE-1507	PI5V331QEX	PI6C49X0204AWIE	PI7C9X20303SLCFDE-2017	PI7C9X7954BFDE-MOXAX
PI3CH281QE	PI4MSD5V9543AWEX	PI6C10804WE	PI6C49X0204AWIEX	PI7C9X20303SLCFDEX	PI7C9X7954BFDEX
PI3CH281QE-2017	PI5A100QE-1429	PI6C10804WEX	PI6C49X0204B-AWE	PI7C9X20303SLCFDEX-2017	PI7C9X798ME
PI3CH281QEX	PI5A100QEX	PI6C10810HE	PI6C49X0204B-AWEX	PI7C9X20404SLCFDE	PI7VD9008ABHFDE
PI3CH281QEX-2017	PI5A100WE	PI6C10810HE-2017	PI6C49X0204BWIEX	PI7C9X20404SLCFDEX	PI7VD9008ABHFDEX
PI3CH480QEX	PI5A100WEX	PI6C10810HEX	PI6C49X0204CWIEX	PI7C9X2G304SLBFDE	PI7VD9401FDE
PI3CH800QEX	PI5A392AQEX	PI6C10810HEX-2017	PI6C49X0204CWIEX	PI7C9X2G304SLBFDEX	PI7VD9401FDEX
PI3CH800QEX-2017	PI5C3125QE	PI6C2405A-1HWE	PI6C5912016-01FAIEX	PI7C9X2G304SLBQFDE	PI7VD9401FDIE
PI3HDMI2410FFE	PI5C3125QEX	PI6C2405A-1HWEX	PI6CL10804WE	PI7C9X2G304SLBQFDEX	PI7VD9401FDIEX
PI3HDMI2410FFEX-2017	PI5C3126QEX	PI6C2405A-1HWIE	PI6CL10804WEX	PI7C9X2G304SVAFDEEX	PT7C4337ACSEX
PI3HDMI2410FFEX	PI5C3245QEX	PI6C2405A-1HWIEX	PI6CXG06F62AFBEIE	PI7C9X2G404SLBFDE	PT8A2767FWEX

Table: 1A

Original 6 Pad

New 4 Pad

