



07/31/2012

Dear Customer:

This is an announcement of a change to a device or set of devices that is/are currently offered by SVA (Division of Texas Instruments). The details of this change are on the following pages.

We request you acknowledge receipt of this notification within **30** days of the date of this notice. Lack of acknowledgement of this notice within 30 days constitutes acceptance of the change. If you require samples or additional data to support your evaluation, please request within 30 days.

The changes discussed within this PCN will not take effect any earlier than **90** days from the date of this notification, unless customer agreement has been reached on an earlier implementation of the change. This notification period is per TI's standard process.

This notice does not change the end-of-life status of any product. Should product affected be on a previously issued product withdrawal/discontinuance notice, this notification does not extend the life of that product or change the life time buy offering/discontinuance plan.

For questions regarding this notice, contact your local Field Sales Representative or the PCN Manager (PCN_ww_admin_team@list.ti.com).

Sincerely,

PCN Team
SVA Change Management
Phone: +1(408) 721-5380



FORECAST CHANGE NOTIFICATION

PCN # 20125303 Revision A

Title Of Change: Qualification of copper wire as alternate bonding material for selected products in SOT23 Packages

Publish Date: 07/31/12

Revision History of PCN:

Rev	Action Date	User ID	Action Name	Action Comments
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A	07/30/2012	CJMKSC	Create PCN	

This is to inform you that a design and/or process change will be made to the following product(s). This notification is for your information and concurrence. This is a preliminary notification. A final PCN will be issued when qualification is complete and data is available.

If you require data or samples to qualify this change, please contact National Semiconductor within 30 days of receipt of this notification.

If you have any questions concerning this change, please contact:

For North America:

EMAIL : PCNAmericasContact@list.ti.com
PHONE : 1800-272-9959

For Europe :

EMAIL : PCNEuropeContact@list.ti.com
PHONE : 0800-676-2442

For Japan :

EMAIL : PCNJapanContact@list.ti.com
PHONE : 0120766033

For Asia Pacific :

EMAIL : PCNAsiaContact@list.ti.com
PHONE : 86-21-3313-4818

PCN Requestor:

NAME : Hoe, TS
EMAIL : TS.Hoe@nsc.com
PHONE : 606-2515-116

CHANGE TYPE: Assy Direct Mat'l Standardization

PROPOSED 1st SHIP DATE

10/30/12

DESCRIPTION OF CHANGE AND PRODUCTS AFFECTED

The purpose of this Product Change Notification (PCN) is to inform you that copper wire is being qualified as an alternate bonding material for selected products in SOT23 packages as follows:

Packages	Before	After
=====		
SOT23	Gold Wire (Au wire)	Gold and Copper Wire

This notification is another of several phases/customer notifications for Copper wire qualification that will occur in the coming year and contain selected products (non-military & non-automotive) from the SOT23 package family. Refer to the part numbers affected section below for actual device listing.

REASON FOR CHANGE

The qualification of copper as an alternate bond wire 1) further supports the continuity of supply of all affected products and 2) serves to improve product performance through reduced bond wire impedance.

ANTICIPATED IMPACT ON FORM, FIT, FUNCTION, QUALITY, OR RELIABILITY (POSITIVE / NEGATIVE)

There is no change to the product quality or reliability. All current product specifications, performance parameters and characteristics will remain unchanged. The expectation is that there will not be an effect on customer applications.

Please note that the exact implementation date for each product will depend on a combination of the release schedule and inventory associated with the specific product.

SAMPLE AVAILABILITY DATE SCHEDULE

If you require samples or additional data to support your evaluation, please request within 30 days of this notification. The availability of samples will depend on the actual device(s) requested.

CHANGES TO PRODUCT IDENTIFICATION RESULTING FROM THIS PCN

Not applicable. After conversion, product may contain either Au or Cu bond wire with no discernable package or top marking for either.

During the customer qualification period for Cu bond wire conversion, Texas Instruments may switch customers to spec flow AULF (replace NOPB) and AUPB (replace standard PB plated) to assure product containing Au bond wire continues to be shipped until the customer qualification is complete.

QUALIFICATION PLAN NUMBERS

PART NUMBERS AFFECTED

LDC577BIM3	LDC577BIM3E	LDC577BIM3X
LM3411AM5-3.3	LM3411AM5-5.0	LM3411AM5X-3.3
LM3411AM5X-5.0	LM3411M5-3.3	LM3411M5-5.0
LM3411M5X-3.3	LM3411M5X-5.0	LM3420AM5-8.4
LM3420M5X-8.4	LM4040AIM3-10.0	LM4040AIM3-2.0
LM4040AIM3-2.5	LM4040AIM3-3.0	LM4040AIM3-4.1
LM4040AIM3-5.0	LM4040AIM3X-10	LM4040AIM3X-2.0
LM4040AIM3X-2.5	LM4040AIM3X-3.0	LM4040AIM3X-4.1
LM4040AIM3X-5.0	LM4040BIM3-10.0	LM4040BIM3-2.0
LM4040BIM3-2.5	LM4040BIM3-3.0	LM4040BIM3-4.1
LM4040BIM3-5.0	LM4040BIM3-8.2	LM4040BIM3X-10
LM4040BIM3X-2.0	LM4040BIM3X-2.5	LM4040BIM3X-3.0
LM4040BIM3X-4.1	LM4040BIM3X-5.0	LM4040CEM3-2.5
LM4040CEM3-3.0	LM4040CEM3-5.0	LM4040CEM3X-3.0
LM4040CEM3X-5.0	LM4040CIM3-10.0	LM4040CIM3-2.0
LM4040CIM3-2.5	LM4040CIM3-3.0	LM4040CIM3-4.1
LM4040CIM3-5.0	LM4040CIM3-8.2	LM4040CIM3X-10
LM4040CIM3X-2.0	LM4040CIM3X-2.5	LM4040CIM3X-3.0
LM4040CIM3X-4.1	LM4040CIM3X-5.0	LM4040DEM3-2.0
LM4040DEM3-2.5	LM4040DEM3-3.0	LM4040DEM3-5.0
LM4040DEM3X-2.0	LM4040DEM3X-2.5	LM4040DEM3X-3.0
LM4040DEM3X-5.0	LM4040DIM3-10.0	LM4040DIM3-2.0
LM4040DIM3-2.5	LM4040DIM3-3.0	LM4040DIM3-4.1
LM4040DIM3-5.0	LM4040DIM3-8.2	LM4040DIM3X-10
LM4040DIM3X-2.0	LM4040DIM3X-2.5	LM4040DIM3X-3.0
LM4040DIM3X-4.1	LM4040DIM3X-5.0	LM4040DIM3X-8.2
LM4040EEM3-2.5	LM4040EEM3-3.0	LM4040EEM3X-2.5
LM4040EEM3X-3.0	LM4040EIM3-2.5	LM4040EIM3-3.0
LM4040EIM3X-2.5	LM4040EIM3X-3.0	LM4041AIM3-1.2
LM4041AIM3X-1.2	LM4041BIM3-1.2	LM4041BIM3X-1.2
LM4041CEM3-1.2	LM4041CEM3-ADJ	LM4041CEM3X-1.2
LM4041CEM3X-ADJ	LM4041CIM3-1.2	LM4041CIM3-ADJ
LM4041CIM3X-1.2	LM4041CIM3X-ADJ	LM4041DEM3-1.2
LM4041DEM3-ADJ	LM4041DEM3X-1.2	LM4041DEM3X-ADJ

LM4041DIM3-1.2
LM4041DIM3X-ADJ
LM4041EIM3-1.2
LM4050AEM3-2.0
LM4050AEM3-8.2
LM4050AEM3X-5.0
LM4050AIM3-4.1
LM4050AIM3X-4.1
LM4050BEM3-2.5
LM4050BEM3-8.2
LM4050BEM3X-5.0
LM4050BIM3-4.1
LM4050BIM3X-2.5
LM4050CEM3-10
LM4050CEM3X-2.5
LM4050CIM3-2.5
LM4050CIM3X-2.0
LM4050CIM3X-5.0
LM4051AIM3-ADJ
LM4051BEM3-1.2
LM4051BIM3X-1.2
LM4051CIM3-1.2
LM4051CIM3X-ADJ
LM4120AIM5-2.5
LM4120AIM5-4.1
LM4120AIM5X-2.0
LM4120AIM5X-3.3
LM4120IM5-1.8
LM4120IM5-3.0
LM4120IM5-5.0
LM4120IM5X-2.5
LM4120IM5X-4.1
LM4121AIM5-ADJ
LM4121IM5-ADJ
LM4125IM5-2.0
LM4431M3X-2.5
LM45CIM3
LM50BIM3
LM50CIM3X
LM60CIM3
LM61BIM3X
LM62BIM3
LM62CIM3X
SM73710MFX

LM4041DIM3-ADJ
LM4041EEM3-1.2
LM4041EIM3X-1.2
LM4050AEM3-2.5
LM4050AEM3X-10
LM4050AIM3-10
LM4050AIM3-5.0
LM4050AIM3X-5.0
LM4050BEM3-4.1
LM4050BEM3X-10
LM4050BIM3-10
LM4050BIM3-5.0
LM4050BIM3X-4.1
LM4050CEM3-2.5
LM4050CEM3X-5.0
LM4050CIM3-4.1
LM4050CIM3X-2.5
LM4051AEM3-ADJ
LM4051AIM3X-1.2
LM4051BIM3-1.2
LM4051BIM3X-ADJ
LM4051CIM3-ADJ
LM4120AIM5-1.8
LM4120AIM5-3.0
LM4120AIM5-5.0
LM4120AIM5X-2.5
LM4120AIM5X-4.1
LM4120IM5-2.0
LM4120IM5-3.3
LM4120IM5X-1.8
LM4120IM5X-3.0
LM4120IM5X-5.0
LM4121AIM5X-ADJ
LM4121IM5X-ADJ
LM4125IM5-2.5
LM45BIM3
LM45CIM3X
LM50BIM3X
LM60BIM3
LM60CIM3X
LM61CIM3
LM62BIM3X
SM73710MF

LM4041DIM3X-1.2
LM4041EEM3X-1.2
LM4050AEM3-10
LM4050AEM3-5.0
LM4050AEM3X-2.5
LM4050AIM3-2.5
LM4050AIM3X-2.5
LM4050BEM3-10
LM4050BEM3-5.0
LM4050BEM3X-2.5
LM4050BIM3-2.5
LM4050BIM3X-2.0
LM4050BIM3X-5.0
LM4050CEM3-5.0
LM4050CIM3-10
LM4050CIM3-5.0
LM4050CIM3X-4.1
LM4051AIM3-1.2
LM4051AIM3X-ADJ
LM4051BIM3-ADJ
LM4051CEM3-ADJ
LM4051CIM3X-1.2
LM4120AIM5-2.0
LM4120AIM5-3.3
LM4120AIM5X-1.8
LM4120AIM5X-3.0
LM4120AIM5X-5.0
LM4120IM5-2.5
LM4120IM5-4.1
LM4120IM5X-2.0
LM4120IM5X-3.3
LM4121AIM5-1.2
LM4121IM5-1.2
LM4125AIM5-2.5
LM4431M3-2.5
LM45BIM3X
LM45CIM3X-NIPD
LM50CIM3
LM60BIM3X
LM61BIM3
LM61CIM3X
LM62CIM3
SM73710MFE

ATTACHMENTS

PCN SOT23_20120605-59681_20120604-59667.pdf

Customer	Spec	Cust Code	NSC Part	Customer Part
MOUSER ELECTRONICS		0003989501	LM3411AM5-5.0	LM3411AM5-5.0
MOUSER ELECTRONICS		0003989501	LM3411M5-3.3	LM3411M5-3.3
MOUSER ELECTRONICS	NOPB	0003989501	LM3411M5X-3.3	LM3411M5X-3.3/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM3420AM5-8.4	LM3420AM5-8.4
MOUSER ELECTRONICS		0003989501	LM4040AIM3-2.5	LM4040AIM3-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4040AIM3-3.0	LM4040AIM3-3.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040AIM3X-5.0	LM4040AIM3X-5.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3-10.0	LM4040BIM3-10.0/NOPB
MOUSER ELECTRONICS		0003989501	LM4040BIM3-2.5	LM4040BIM3-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3-5.0	LM4040BIM3-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3X-4.1	LM4040BIM3X-4.1
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CEM3-2.5	LM4040CEM3-2.5
MOUSER ELECTRONICS		0003989501	LM4040CIM3-5.0	LM4040CIM3-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3X-2.5	LM4040CIM3X-2.5
MOUSER ELECTRONICS		0003989501	LM4040DIM3-2.5	LM4040DIM3-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DIM3-5.0	LM4040DIM3-5.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DIM3X-4.1	LM4040DIM3X-4.1
MOUSER ELECTRONICS	NOPB	0003989501	LM4040EIM3-2.5	LM4040EIM3-2.5/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040EIM3X-2.5	LM4040EIM3X-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4041CEM3-ADJ	LM4041CEM3-ADJ
MOUSER ELECTRONICS		0003989501	LM4041CIM3-1.2	LM4041CIM3-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4041CIM3-ADJ	LM4041CIM3-ADJ
MOUSER ELECTRONICS	NOPB	0003989501	LM4041DEM3-1.2	LM4041DEM3-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4041DIM3-1.2	LM4041DIM3-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4041DIM3X-1.2	LM4041DIM3X-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4041EIM3-1.2	LM4041EIM3-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4050AEM3-2.0	LM4050AEM3-2.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4050AEM3-5.0	LM4050AEM3-5.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4050BEM3-5.0	LM4050BEM3-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM60CIM3	LM60CIM3
MOUSER ELECTRONICS	NOPB	0003989501	LM4120AIM5-1.8	LM4120AIM5-1.8
MOUSER ELECTRONICS	NOPB	0003989501	LM4120AIM5-5.0	LM4120AIM5-5.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4120AIM5X-2.5	LM4120AIM5X-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4120IM5-5.0	LM4120IM5-5.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4125IM5-2.5	LM4125IM5-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4431M3X-2.5	LM4431M3X-2.5
MOUSER ELECTRONICS		0003989501	LM45BIM3	LM45BIM3
MOUSER ELECTRONICS	NOPB	0003989501	LM45BIM3	LM45BIM3
MOUSER ELECTRONICS	NOPB	0003989501	LM50BIM3X	LM50BIM3X
MOUSER ELECTRONICS		0003989501	LM3411M5-3.3	
MOUSER ELECTRONICS		0003989501	LM3411M5X-3.3	
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3-10.0	LM4040BIM3-10.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3-2.5	LM4040BIM3-2.5/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3-5.0	LM4040BIM3-5.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3X-2.5	LM4040BIM3X-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3-2.0	LM4040CIM3-2.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3-4.1	LM4040CIM3-4.1
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3-5.0	LM4040CIM3-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DIM3-3.0	LM4040DIM3-3.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DIM3X-4.1	LM4040DIM3X-4.1/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4041CEM3-1.2	LM4041CEM3-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4041CIM3-ADJ	LM4041CIM3-ADJ/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4041DIM3-ADJ	LM4041DIM3-ADJ
MOUSER ELECTRONICS	NOPB	0003989501	LM4041EEM3X-1.2	LM4041EEM3X-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4050AIM3-10	LM4050AIM3-10
MOUSER ELECTRONICS	NOPB	0003989501	LM4050AIM3-2.5	LM4050AIM3-2.5

MOUSER ELECTRONICS	NOPB	0003989501	LM4050BIM3-2.5	LM4050BIM3-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM62BIM3	LM62BIM3
MOUSER ELECTRONICS	NOPB	0003989501	LM4051BIM3-ADJ	LM4051BIM3-ADJ/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4120AIM5-2.0	LM4120AIM5-2.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4120AIM5-3.0	LM4120AIM5-3.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4120AIM5-3.3	LM4120AIM5-3.3
MOUSER ELECTRONICS	NOPB	0003989501	LM4120AIM5-3.3	LM4120AIM5-3.3/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4120IM5-1.8	LM4120IM5-1.8
MOUSER ELECTRONICS	NOPB	0003989501	LM4120IM5-2.0	LM4120IM5-2.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4120IM5-3.0	LM4120IM5-3.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4120IM5-3.3	LM4120IM5-3.3/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4125AIM5-2.5	LM4125AIM5-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4125IM5-2.0	LM4125IM5-2.0
MOUSER ELECTRONICS		0003989501	LM45BIM3X	
MOUSER ELECTRONICS	NOPB	0003989501	LM50CIM3X	LM50CIM3X
MOUSER ELECTRONICS	NOPB	0003989501	LM60BIM3X	LM60BIM3X/NOPB
MOUSER ELECTRONICS		0003989501	LM3411AM5X-5.0	
MOUSER ELECTRONICS		0003989501	LM3411M5X-5.0	LM3411M5X-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040AIM3-2.0	LM4040AIM3-2.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040AIM3-4.1	LM4040AIM3-4.1/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3-2.0	LM4040BIM3-2.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3-2.5	LM4040BIM3-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3-3.0	LM4040BIM3-3.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3-8.2	LM4040BIM3-8.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3X-3.0	LM4040BIM3X-3.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3X-3.0	LM4040BIM3X-3.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3X-5.0	LM4040BIM3X-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3-2.5	LM4040CIM3-2.5/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3X-4.1	LM4040CIM3X-4.1/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DIM3-10.0	LM4040DIM3-10.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DIM3-4.1	LM4040DIM3-4.1
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DIM3X-2.5	LM4040DIM3X-2.5/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4041AIM3-1.2	LM4041AIM3-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4041BIM3X-1.2	LM4041BIM3X-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4041CIM3X-ADJ	LM4041CIM3X-ADJ
MOUSER ELECTRONICS	NOPB	0003989501	LM4050AEM3-2.5	LM4050AEM3-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4050AEM3-8.2	LM4050AEM3-8.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4050BEM3X-10	LM4050BEM3X-10
MOUSER ELECTRONICS	NOPB	0003989501	LM4050BIM3-2.5	LM4050BIM3-2.5/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4050BIM3-4.1	LM4050BIM3-4.1/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4050CEM3-5.0	LM4050CEM3-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM60CIM3	LM60CIM3/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM62CIM3	LM62CIM3
MOUSER ELECTRONICS	NOPB	0003989501	LM4051CIM3-ADJ	LM4051CIM3-ADJ/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4120AIM5-3.0	LM4120AIM5-3.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4120AIM5X-2.0	LM4120AIM5X-2.0
MOUSER ELECTRONICS	NOPB	0003989501	LM45BIM3	LM45BIM3/NOPB
MOUSER ELECTRONICS		0003989501	LM45CIM3	
MOUSER ELECTRONICS	NOPB	0003989501	LM50CIM3X	LM50CIM3X/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM60BIM3X	LM60BIM3X
MOUSER ELECTRONICS		0003989501	LM3411AM5-5.0	
MOUSER ELECTRONICS		0003989501	LM3411M5-5.0	
MOUSER ELECTRONICS	NOPB	0003989501	LM4040AIM3-2.5	LM4040AIM3-2.5/NOPB
MOUSER ELECTRONICS		0003989501	LM4040AIM3-5.0	LM4040AIM3-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3-3.0	LM4040BIM3-3.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3-4.1	LM4040BIM3-4.1/NOPB
MOUSER ELECTRONICS		0003989501	LM4040BIM3-5.0	LM4040BIM3-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CEM3-5.0	LM4040CEM3-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3-8.2	LM4040CIM3-8.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DIM3-2.5	LM4040DIM3-2.5
MOUSER ELECTRONICS		0003989501	LM4041AIM3-1.2	LM4041AIM3-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4041BIM3-1.2	LM4041BIM3-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4041CIM3X-1.2	LM4041CIM3X-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4041DIM3-1.2	LM4041DIM3-1.2/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4041DIM3-ADJ	LM4041DIM3-ADJ/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4050AIM3-5.0	LM4050AIM3-5.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4050BIM3-5.0	LM4050BIM3-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4050BIM3X-5.0	LM4050BIM3X-5.0

MOUSER ELECTRONICS	NOPB	0003989501	LM4050CIM3-4.1	LM4050CIM3-4.1
MOUSER ELECTRONICS	NOPB	0003989501	LM4051AIM3-1.2	LM4051AIM3-1.2
MOUSER ELECTRONICS		0003989501	LM60CIM3	LM60CIM3
MOUSER ELECTRONICS	NOPB	0003989501	LM4051CIM3-1.2	LM4051CIM3-1.2/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4051CIM3-ADJ	LM4051CIM3-ADJ
MOUSER ELECTRONICS	NOPB	0003989501	LM4120AIM5-2.5	LM4120AIM5-2.5/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4120AIM5-4.1	LM4120AIM5-4.1
MOUSER ELECTRONICS		0003989501	LM45CIM3X	LM45CIM3X
MOUSER ELECTRONICS	NOPB	0003989501	LM50BIM3	LM50BIM3/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM60BIM3	LM60BIM3
MOUSER ELECTRONICS	NOPB	0003989501	LM60BIM3	LM60BIM3/NOPB
MOUSER ELECTRONICS		0003989501	LM3411AM5X-5.0	LM3411AM5X-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM3411M5-3.3	LM3411M5-3.3/NOPB
MOUSER ELECTRONICS		0003989501	LM3411M5X-5.0	
MOUSER ELECTRONICS	NOPB	0003989501	LM4040AIM3-2.5	LM4040AIM3-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4040AIM3X-2.5	LM4040AIM3X-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4040AIM3X-5.0	LM4040AIM3X-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3-2.0	LM4040BIM3-2.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040BIM3-4.1	LM4040BIM3-4.1
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CEM3-2.5	LM4040CEM3-2.5/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3-10.0	LM4040CIM3X-10.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3-2.5	LM4040CIM3-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3-4.1	LM4040CIM3-4.1/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3-5.0	LM4040CIM3-5.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3X-2.5	LM4040CIM3X-2.5/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DEM3-2.5	LM4040DEM3-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DIM3-5.0	LM4040DIM3-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DIM3X-2.5	LM4040DIM3X-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4041BIM3-1.2	LM4041BIM3-1.2/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4041CEM3X-1.2	LM4041CEM3X-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4041CIM3-1.2	LM4041CIM3-1.2/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4041DIM3X-ADJ	LM4041DIM3X-ADJ
MOUSER ELECTRONICS	NOPB	0003989501	LM4050AEM3-10	LM4050AEM3-10
MOUSER ELECTRONICS	NOPB	0003989501	LM4050AIM3-5.0	LM4050AIM3-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4050CIM3-2.5	LM4050CIM3-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4051BEM3-1.2	LM4051BEM3-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM61BIM3	LM61BIM3
MOUSER ELECTRONICS	NOPB	0003989501	LM61CIM3	LM61CIM3
MOUSER ELECTRONICS	NOPB	0003989501	LM61CIM3	LM61CIM3/NOPB
MOUSER ELECTRONICS		0003989501	LM4120AIM5-3.0	LM4120AIM5-3.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4120AIM5X-3.0	LM4120AIM5X-3.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4120IM5-4.1	LM4120IM5-4.1
MOUSER ELECTRONICS	NOPB	0003989501	LM4120IM5-5.0	LM4120IM5-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM50BIM3	LM50BIM3
MOUSER ELECTRONICS		0003989501	LM3411M5-5.0	LM3411M5-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM3411M5X-3.3	LM3411M5X-3.3
MOUSER ELECTRONICS	NOPB	0003989501	LM4040AIM3-10.0	LM4040AIM3-10.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040AIM3-2.0	LM4040AIM3-2.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040AIM3-4.1	LM4040AIM3-4.1
MOUSER ELECTRONICS	NOPB	0003989501	LM4040AIM3-5.0	LM4040AIM3-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3-2.0	LM4040CIM3-2.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3X-3.0	LM4040CIM3X-3.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3X-4.1	LM4040CIM3X-4.1
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DEM3-5.0	LM4040DEM3-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4041CIM3-1.2	LM4041CIM3-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4041DEM3-ADJ	LM4041DEM3-ADJ
MOUSER ELECTRONICS	NOPB	0003989501	LM4041EIM3X-1.2	LM4041EIM3X-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4050AEM3-2.5	LM4050AEM3-2.5/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4050AIM3-4.1	LM4050AIM3-4.1/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4050BEM3-2.5	LM4050BEM3-2.5/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4050CIM3-2.5	LM4050CIM3-2.5/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4050CIM3-5.0	LM4050CIM3-5.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM61BIM3X	LM61BIM3X
MOUSER ELECTRONICS	NOPB	0003989501	LM61CIM3X	LM61CIM3X
MOUSER ELECTRONICS	NOPB	0003989501	LM4051BIM3-ADJ	LM4051BIM3-ADJ
MOUSER ELECTRONICS	NOPB	0003989501	LM4051CIM3-1.2	LM4051CIM3-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4120AIM5-2.0	LM4120AIM5-2.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4120AIM5-2.5	LM4120AIM5-2.5

MOUSER ELECTRONICS	NOPB	0003989501	LM4120AIM5-5.0	LM4120AIM5-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4120IM5-3.3	LM4120IM5-3.3
MOUSER ELECTRONICS	NOPB	0003989501	LM4121AIM5-ADJ	LM4121AIM5-ADJ
MOUSER ELECTRONICS	NOPB	0003989501	LM4121IM5-1.2	LM4121IM5-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4431M3-2.5	LM4431M3-2.5/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM45BIM3X	LM45BIM3X
MOUSER ELECTRONICS		0003989501	LM45CIM3	LM45CIM3
MOUSER ELECTRONICS	NOPB	0003989501	LM45CIM3	LM45CIM3
MOUSER ELECTRONICS		0003989501	LM45CIM3X	
MOUSER ELECTRONICS	NOPB	0003989501	LM50CIM3	LM50CIM3
MOUSER ELECTRONICS	NOPB	0003989501	LM3411M5-5.0	LM3411M5-5.0/NOPB
MOUSER ELECTRONICS		0003989501	LM3411M5X-3.3	LM3411M5X-3.3
MOUSER ELECTRONICS	NOPB	0003989501	LM3411M5X-5.0	LM3411M5X-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040AIM3-10.0	LM4040AIM3-10.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040AIM3-3.0	LM4040AIM3-3.0
MOUSER ELECTRONICS		0003989501	LM4040CIM3-2.5	LM4040CIM3-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3-3.0	LM4040CIM3-3.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3X-10	LM4040CIM3X-10
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3X-5.0	LM4040CIM3X-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DIM3-4.1	LM4040DIM3-4.1/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DIM3X-3.0	LM4040DIM3X-3.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DIM3X-5.0	LM4040DIM3X-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4041AIM3-1.2	LM4041AIM3-1.2/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4041DEM3-ADJ	LM4041DEM3-ADJ/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4041EEM3-1.2	LM4041EEM3-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4041EIM3-1.2	LM4041EIM3-1.2/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4050AEM3-5.0	LM4050AEM3-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4050AIM3-2.5	LM4050AIM3-2.5/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4050AIM3-4.1	LM4050AIM3-4.1
MOUSER ELECTRONICS	NOPB	0003989501	LM4050BEM3-2.5	LM4050BEM3-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4050BEM3-4.1	LM4050BEM3-4.1
MOUSER ELECTRONICS	NOPB	0003989501	LM4050BEM3-5.0	LM4050BEM3-5.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4051AIM3-ADJ	LM4051AIM3-ADJ/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4051BIM3-1.2	LM4051BIM3-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM60CIM3X	LM60CIM3X
MOUSER ELECTRONICS	NOPB	0003989501	LM4120IM5-1.8	LM4120IM5-1.8/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4120IM5-2.5	LM4120IM5-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4120IM5X-3.3	LM4120IM5X-3.3
MOUSER ELECTRONICS	NOPB	0003989501	LM4121AIM5-1.2	LM4121AIM5-1.2
MOUSER ELECTRONICS		0003989501	LM45BIM3	
MOUSER ELECTRONICS		0003989501	LM45BIM3X	LM45BIM3X
MOUSER ELECTRONICS	NOPB	0003989501	LM45CIM3	LM45CIM3/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM45CIM3X	LM45CIM3X
MOUSER ELECTRONICS		0003989501	LM50CIM3	LM50CIM3
MOUSER ELECTRONICS	NOPB	0003989501	LM50CIM3	LM50CIM3/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM3411AM5-5.0	LM3411AM5-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM3411AM5X-5.0	LM3411AM5X-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM3411M5-3.3	LM3411M5-3.3
MOUSER ELECTRONICS	NOPB	0003989501	LM3411M5-5.0	LM3411M5-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040AIM3-5.0	LM4040AIM3-5.0/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040AIM3X-4.1	LM4040AIM3X-4.1
MOUSER ELECTRONICS	NOPB	0003989501	LM4040CIM3-3.0	LM4040CIM3-3.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DEM3-2.5	LM4040DEM3-2.5/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DEM3-3.0	LM4040DEM3-3.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DIM3-10.0	LM4040DIM3-10.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4040DIM3-2.5	LM4040DIM3-2.5/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4040EEM3-2.5	LM4040EEM3-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4040EIM3-2.5	LM4040EIM3-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4041EEM3-1.2	LM4041EEM3-1.2/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4050AEM3-2.0	LM4050AEM3-2.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4050AEM3-8.2	LM4050AEM3-8.2/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4050BEM3-10	LM4050BEM3-10
MOUSER ELECTRONICS	NOPB	0003989501	LM4050BIM3-4.1	LM4050BIM3-4.1
MOUSER ELECTRONICS	NOPB	0003989501	LM4050CEM3-2.5	LM4050CEM3-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4050CIM3-5.0	LM4050CIM3-5.0
MOUSER ELECTRONICS	NOPB	0003989501	LM4051AIM3-ADJ	LM4051AIM3-ADJ
MOUSER ELECTRONICS		0003989501	LM4051BIM3-1.2	LM4051BIM3-1.2
MOUSER ELECTRONICS	NOPB	0003989501	LM4120AIM5-4.1	LM4120AIM5-4.1/NOPB

MOUSER ELECTRONICS	NOPB	0003989501	LM4121AIM5-1.2	LM4121AIM5-1.2/NOPB
MOUSER ELECTRONICS	NOPB	0003989501	LM4121IM5-ADJ	LM4121IM5-ADJ
MOUSER ELECTRONICS	NOPB	0003989501	LM4431M3-2.5	LM4431M3-2.5
MOUSER ELECTRONICS	NOPB	0003989501	LM4431M3X-2.5	LM4431M3X-2.5/NOPB