



DATE: 20th December, 2010

PCN #: 2029

PCN Title: Package End of Life for the MLP322 and MLP832 Packages

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-2029-REV00**

<b>Notification Date:</b>	<b>Implementation Date:</b>	<b>Product Family:</b>	<b>Change Type:</b>	<b>PCN #:</b>
20 <sup>th</sup> December, 2010	20 <sup>th</sup> March, 2011	Discrete	End of Life (EOL)	<b>2029</b>
<b>TITLE</b>				
Package End of Life for the MLP322 and MLP832 Packages				
<b>DESCRIPTION OF CHANGE</b>				
<p>Products listed in the table on the following page will no longer be available from Diodes Incorporated because the MLP332 and MLP832 packages are being discontinued. To ensure continued supply, Diodes Incorporated has pin-to-pin replacement parts with the same footprint (*) as the MLP packages being offered in DFN packages (DFN2020B-3 and DFN3020B-8) which are available for immediate substitution. Life-time buy orders must be placed by 20<sup>th</sup> March, 2011. All shipments will be made on or before 20<sup>th</sup> June, 2011. Please contact your local Diodes representatives for life-time buy opportunities and further information.</p> <p>(*) Note: Please refer to Package Outline for MLP and DFN Packages on page 4.</p>				
<b>IMPACT</b>				
Continuity of Supply				
<b>PRODUCTS AFFECTED</b>				
See attached table.				
<b>WEB LINKS</b>				
<b>Manufacturer's Notice:</b>	<a href="http://www.diodes.com/quality/pcns">http://www.diodes.com/quality/pcns</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>			
<b>DISCLAIMER</b>				
<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>				



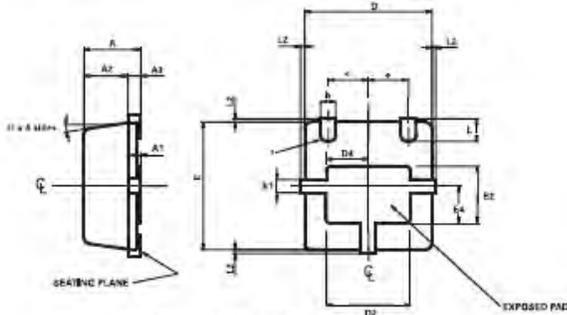
**EOL of MLP332/832 Parts with Proposed Replacements in the  
DFN2020B-3/3020B-8 Package**

<b>EOL Part Number</b>	<b>EOL Package</b>	<b>New Part Number</b>	<b>New Package</b>
ZXT1M322TA	MLP322	ZXTP717MATA	DFN2020B-3
ZXT2M322TA	MLP322	ZXTP718MATA	DFN2020B-3
ZXT2M322TC	MLP322	ZXTP718MATC	DFN2020B-3
ZXT3M322TA	MLP322	ZXTP720MATA	DFN2020B-3
ZXT4M322TA	MLP322	ZXTP722MATA	DFN2020B-3
ZXTAM322TA	MLP322	ZXTN617MATA	DFN2020B-3
ZXTBM322TA	MLP322	ZXTN618MATA	DFN2020B-3
ZXTCM322TA	MLP322	ZXTN619MATA	DFN2020B-3
ZXTEM322TA	MLP322	ZXTN620MATA	DFN2020B-3
ZXTDAM832TA	MLP832	ZXTD617MCTA	DFN3020B-8
ZXTDBM832TA	MLP832	ZXTD618MCTA	DFN3020B-8
ZXTDCM832TA	MLP832	ZXTD619MCTA	DFN3020B-8
ZXTD1M832TA	MLP832	ZXTD717MCTA	DFN3020B-8
ZXTD2M832TA	MLP832	ZXTD718MCTA	DFN3020B-8
ZXTD3M832TA	MLP832	ZXTD720MCTA	DFN3020B-8
ZXTDA1M832TA	MLP832	ZXTC6717MCTA	DFN3020B-8
ZXTDA1M832QTA	MLP832	ZXTC6717MCQTA	DFN3020B-8
ZXTDB2M832TA	MLP832	ZXTC6718MCTA	DFN3020B-8
ZXTDB2M832QTA	MLP832	ZXTC6718MCQTA	DFN3020B-8
ZXTDC3M832TA	MLP832	ZXTC6719MCTA	DFN3020B-8
ZXTDE4M832TA	MLP832	ZXTC6720MCTA	DFN3020B-8
ZXTD4591AM832TA	MLP832	ZXTC4591AMCTA	DFN3020B-8
ZX3CD1S1M832TA	MLP832	ZXTPS717MCTA	DFN3020B-8
ZX3CD2S1M832TA	MLP832	ZXTPS718MCTA	DFN3020B-8
ZX3CD3S1M832TA	MLP832	ZXTPS720MCTA	DFN3020B-8
ZX3CDBS1M832TA	MLP832	ZXTNS618MCTA	DFN3020B-8
ZXMN2AM832TA	MLP832	ZXMN2AMCTA	DFN3020B-8
ZXMN3AM832TA	MLP832	ZXMN3AMCTA	DFN3020B-8
ZXMC3AM832TA	MLP832	ZXMC3AMCTA	DFN3020B-8

## Package Outline for MLP and DFN Packages

From: MLP322 Package

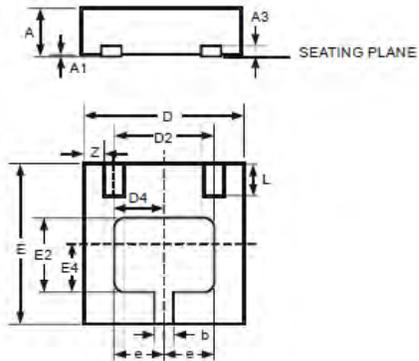
To: DFN2020B-3 Package



CONTROLLING DIMENSIONS IN MILLIMETRES  
APPROX. CONVERTED DIMENSIONS IN INCHES

### PACKAGE DIMENSIONS

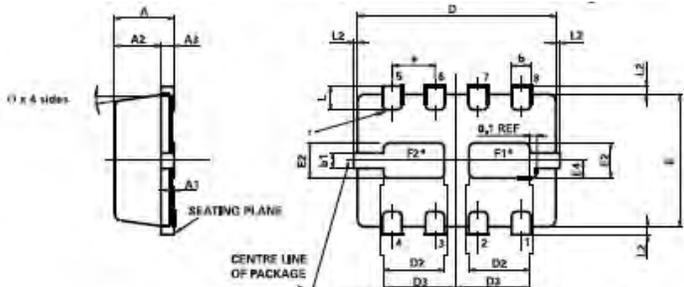
DIM	MILLIMETRES		INCHES		DIM	MILLIMETRES		INCHES	
	MIN.	MAX.	MIN.	MAX.		MIN.	MAX.	MIN.	MAX.
A	0.80	1.00	0.0315	0.0393	e	0.65 REF		0.0255 REF	
A1	0.00	0.05	0.00	0.002	E	2.00 BSC		0.0787 BSC	
A2	0.65	0.75	0.0255	0.0295	E2	0.79	0.99	0.031	0.039
A3	0.15	0.25	0.0059	0.0098	E4	0.48	0.68	0.0188	0.0267
b	0.18	0.28	0.0070	0.0110	L	0.20	0.45	0.0078	0.0177
b1	0.17	0.30	0.0066	0.0118	L2	0.125 MAX.		0.005 REF	
D	2.00 BSC		0.0787 BSC		f	0.075 BSC		0.0029 BSC	
D2	1.22	1.42	0.0480	0.0559	Ø	0"	12"	0"	12"
D4	0.56	0.76	0.0220	0.0299					



DFN2020B-3			
Dim	Min	Max	Typ
A	0.57	0.63	0.60
A1	0	0.05	0.02
A3	—	—	0.152
b	0.20	0.30	0.25
D	1.95	2.075	2.00
D2	1.22	1.42	1.32
D4	0.56	0.76	0.66
e	—	—	0.65
E	1.95	2.075	2.00
E2	0.79	0.99	0.89
E4	0.48	0.68	0.58
L	0.25	0.35	0.30
Z	—	—	0.225
All Dimensions in mm			

From: MLP832 Package

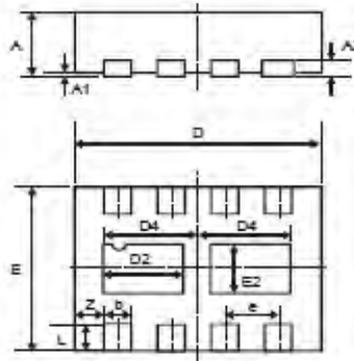
To: DFN3020B-3 Package



CONTROLLING DIMENSIONS IN MILLIMETRES  
APPROX. CONVERTED DIMENSIONS IN INCHES

### MLP832 PACKAGE DIMENSIONS

DIM	MILLIMETRES		INCHES		DIM	MILLIMETRES		INCHES	
	MIN.	MAX.	MIN.	MAX.		MIN.	MAX.	MIN.	MAX.
A	0.80	1.00	0.031	0.039	e	0.65 REF		0.0256 BSC	
A1	0.00	0.05	0.00	0.002	E	2.00 BSC		0.0787 BSC	
A2	0.65	0.75	0.0255	0.0295	E2	0.43	0.63	0.017	0.0249
A3	0.15	0.25	0.006	0.0098	E4	0.16	0.36	0.006	0.014
b	0.24	0.34	0.009	0.013	L	0.20	0.45	0.0078	0.0157
b1	0.17	0.30	0.0066	0.0118	L2	—	0.125	0.00	0.005
D	3.00 BSC		0.118 BSC		f	0.075 BSC		0.0029 BSC	
D2	0.82	1.02	0.032	0.040	Ø	0"	12"	0"	12"
D3	1.01	1.21	0.0397	0.0476					



DFN3020B-3			
Dim	Min	Max	Typ
A	0.77	0.83	0.80
A1	0	0.05	0.02
A3	-	-	0.15
b	0.25	0.35	0.30
D	2.95	3.075	3.00
D2	0.82	1.02	0.92
D3	1.01	1.21	1.11
e	-	-	0.65
E	1.95	2.075	2.00
E2	0.43	0.63	0.53
L	0.25	0.35	0.30
Z	-	-	0.375
All Dimensions in mm			