

Checked boxes indicate the status of environmental ratings following implementation of this change. If below boxes are checked, there are no changes to the associated environmental ratings.

<input checked="" type="checkbox"/> RoHS	<input checked="" type="checkbox"/> REACH	<input checked="" type="checkbox"/> Green Status	<input checked="" type="checkbox"/> IEC 62474
<input checked="" type="checkbox"/> No Change	<input checked="" type="checkbox"/> No Change	<input checked="" type="checkbox"/> No Change	<input checked="" type="checkbox"/> No Change

Changes to product identification resulting from this PCN:

None

Product Affected:

LMK6DA05184ADLER	LMK6DA15552ADLER	LMK6DA40000ADLFR	LMK6HA15625ADLER
LMK6DA05184ADLET	LMK6DA15552ADLET	LMK6DA40000ADLFT	LMK6HA15625ADLET
LMK6DA10000ADLFR	LMK6DA15625ADLFR	LMK6HA10000ADLER	LMK6HE40000ADLFR
LMK6DA10000ADLFT	LMK6DA15625ADLFT	LMK6HA10000ADLET	LMK6HE40000ADLFT
LMK6DA12288ADLER	LMK6DA20000ADLER	LMK6HA10000ADLFR	LMK6PA15625ADLER
LMK6DA12288ADLET	LMK6DA20000ADLET	LMK6HA10000ADLFT	LMK6PA15625ADLET
LMK6DA12500ADLFR	LMK6DA31250ADLFR	LMK6HA10000BDLFR	LMK6PA15625ADLFR
LMK6DA12500ADLFT	LMK6DA31250ADLFT	LMK6HA10000BDLFT	LMK6PA15625ADLFT

Qualification Report

Approve Date 27-FEBRUARY -2024

Qualification Results

Data Displayed as: Number of lots / Total sample size / Total failed

Type	Test Name	Condition	Duration	Qual Device: <u>LMK6PA15625ADLET</u>
UFAST	Unbiased HAST	130C/85%RH	96 Hours	3/231/0
TC	Temperature Cycle	-55C/125C	700 Cycles	3/231/0
SD	PB-Free Solderability	PB-Free Solderability	-	1/22/0
MQ	Manufacturability (Assembly)	(per mfg. Site specification)	(per mfg. Site specification)	Pass

QBS: Qual By Similarity

Qual Device LMK6PA15625ADLET is qualified at MSL1 260C

Preconditioning was performed for Autoclave, Unbiased HAST, THB/Biased HAST, Temperature Cycle, Thermal Shock, and HTSL, as applicable

The following are equivalent HTOL options based on an activation energy of 0.7eV : 125C/1k Hours, 140C/480 Hours, 150C/300 Hours, and 155C/240 Hours

The following are equivalent HTSL options based on an activation energy of 0.7eV : 150C/1k Hours, and 170C/420 Hours

The following are equivalent Temp Cycle options per JESD47 : -55C/125C/700 Cycles and -65C/150C/500 Cycles

Quality and Environmental data is available at TI's external Web site: <http://www.ti.com/>

For questions regarding this notice, e-mails can be sent to Change Management team or your local Field Sales Representative.

IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES "AS IS" AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to TI's Terms of Sale (www.ti.com/legal/termsofsale.html) or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.