



April 14, 2014

Subject: PCN#03A-14 Notification of Intent to Utilize an Alternate Qualified Assembly Site/Test Site and/or Alternate Qualified Material Sets for Select Lattice Products

Dear Lattice Customers,

Lattice is providing this 90-day Notification of our intent to utilize an alternate qualified assembly site/test site and/or alternate qualified material sets for select devices and packages.

In an effort to expand Copper bond wire (Cu-wire) manufacturing capacity, Lattice will now use Amkor Philippines for select devices. Amkor Philippines utilizes industry standard raw material, assembly and test processes. The use of these alternate qualified material sets will not change external package dimensions. The package footprints remain the same and are published on the [Lattice website](#).

Affected Products

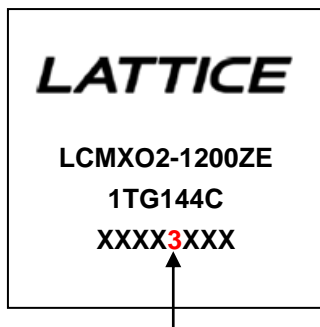
The Ordering Part Numbers (OPNs) affected by this PCN are listed in an Excel spreadsheet [here](#). This PCN also affects any custom devices (i.e. factory programmed, special test, tape and reel, non-standard speed grade and package, etc.), which are derived from any of the devices listed in the table.

Material Set Changes

Please refer to the Excel spreadsheet [here](#) for details of material set changes associated with this PCN.

Device Identification

Devices with Cu-wire material sets manufactured at Amkor Philippines can be identified by a numeric value (“3”) in the fifth position of the datecode marked on the topside of the devices. This datecode is also marked on the label on the outside of the inventory box as well as on the anti-static moisture barrier bag within. See device topside marking example below:



“3” in the fifth position of Datecode indicates Cu-wire material set from Amkor Philippines

Data Sheet Specifications

This PCN has no impact on any data sheet specifications.

Qualification Data

Qualification data pertinent to this PCN can be found [here](#).

Characterization Data

A device characterization report is available [here](#).

Frequently Asked Questions (FAQ)

Lattice recommends that customers refer to the FAQ document available [here](#) to find answers to commonly asked questions regarding this PCN.

Conversion Timeline

Conversion timing for this PCN is 90 days from the date of this Notice. No action is required (meaning no changes to OPNs, your internal Bills of Material, backlog or orders) unless you plan to do further evaluation. Should samples be required to complete evaluation of this PCN, such sample requests must be received no later than May 14, 2014 (30 days after the date of this Notice). Samples for this PCN will use the “**CU3**” suffix appended to the standard OPNs as shown in the example below:

Example:

Standard OPN:	LCMXO2-1200ZE-1TG144C
Amkor Philippines Cu-wire Custom OPN:	LCMXO2-1200ZE-1TG144CCU3

Conversion Timing Summary

- **Sample Request Cut-off Date:** **May 14, 2014**
- **PCN Expiration Date:** **July 14, 2014**

Backlog

Lattice recommends that customers complete their evaluation before the PCN Expiration Date (July 14, 2014). Lattice will begin shipping devices manufactured at Amkor Philippines with Cu-wire as early as July 14, 2014. Any customer who does not want to receive devices manufactured at Amkor Philippines w Cu-wire beyond the PCN Expiration Date must initiate a change order request to convert their backlog to the “**CA2**” suffix appended to the standard OPN as shown in the example next page:

Example:

Standard OPN: LCMXO2-1200ZE-1TG144C
Existing Materials/Assembly Locations Custom OPN: LCMXO2-1200ZE-1TG144CCA2

After the customer completes evaluation of Amkor Philippines manufactured device, any backlog with the “CA2” custom OPNs must be converted back to the standard OPN.

Response

In accordance with JESD46-D, this change is deemed accepted by the customer if no acknowledgement is received within 30 days from this Notice. Lattice PCNs are available on the [Lattice PCN web page](#). Please sign up to receive e-mail PCN alerts by registering [here](#). If you already have a Lattice web account and wish to receive PCN alerts, you can do so by logging into [your account](#) and making edits to your subscription options.

Contact

If you have any questions or require additional information, please contact pcn@latticesemi.com.

Sincerely,

Lattice Semiconductor PCN Administration

PCN#03A-14: Affected Part Number List

Note: This PCN also affects any custom devices (i.e. factory programmed, special test, tape and reel, non-standard speed grade and package, etc.), below.

Product Family	Device	Ordering Part Number	Package	SnPb / Pb-Free / Halogen-Free
ispMACH 4000B	LC4032B	LC4032B-10TN48I	48-TQFP	Pb-Free
ispMACH 4000B	LC4032B	LC4032B-25TN48C	48-TQFP	Pb-Free
ispMACH 4000B	LC4032B	LC4032B-5TN44C	48-TQFP	Pb-Free
ispMACH 4000B	LC4032B	LC4032B-5TN48C	48-TQFP	Pb-Free
ispMACH 4000B	LC4032B	LC4032B-5TN48I	48-TQFP	Pb-Free
ispMACH 4000B	LC4032B	LC4032B-75TN48C	48-TQFP	Pb-Free
ispMACH 4000B	LC4032B	LC4032B-75TN48I	48-TQFP	Pb-Free
ispMACH 4000B	LC4064B	LC4064B-10TN100I	100-TQFP	Pb-Free
ispMACH 4000B	LC4064B	LC4064B-25TN100C	100-TQFP	Pb-Free
ispMACH 4000B	LC4064B	LC4064B-5TN100C	100-TQFP	Pb-Free
ispMACH 4000B	LC4064B	LC4064B-5TN100I	100-TQFP	Pb-Free
ispMACH 4000B	LC4064B	LC4064B-75TN100C	100-TQFP	Pb-Free
ispMACH 4000B	LC4064B	LC4064B-75TN100I	100-TQFP	Pb-Free
ispMACH 4000B	LC4064B	LC4064B-10TN48I	48-TQFP	Pb-Free
ispMACH 4000B	LC4064B	LC4064B-25TN48C	48-TQFP	Pb-Free
ispMACH 4000B	LC4064B	LC4064B-5TN48C	48-TQFP	Pb-Free
ispMACH 4000B	LC4064B	LC4064B-5TN48I	48-TQFP	Pb-Free
ispMACH 4000B	LC4064B	LC4064B-75TN48C	48-TQFP	Pb-Free
ispMACH 4000B	LC4064B	LC4064B-75TN48I	48-TQFP	Pb-Free
ispMACH 4000B	LC4128B	LC4128B-10TN100I	100-TQFP	Pb-Free
ispMACH 4000B	LC4128B	LC4128B-27TN100C	100-TQFP	Pb-Free
ispMACH 4000B	LC4128B	LC4128B-5TN100C	100-TQFP	Pb-Free
ispMACH 4000B	LC4128B	LC4128B-5TN100I	100-TQFP	Pb-Free
ispMACH 4000B	LC4128B	LC4128B-75TN100C	100-TQFP	Pb-Free
ispMACH 4000B	LC4128B	LC4128B-75TN100I	100-TQFP	Pb-Free
ispMACH 4000B	LC4128B	LC4128B-10TN128I	128-TQFP	Pb-Free
ispMACH 4000B	LC4128B	LC4128B-27TN128C	128-TQFP	Pb-Free
ispMACH 4000B	LC4128B	LC4128B-5TN128C	128-TQFP	Pb-Free
ispMACH 4000B	LC4128B	LC4128B-5TN128I	128-TQFP	Pb-Free
ispMACH 4000B	LC4128B	LC4128B-75TN128C	128-TQFP	Pb-Free
ispMACH 4000B	LC4128B	LC4128B-75TN128I	128-TQFP	Pb-Free
ispMACH 4000C	LC4032C	LC4032C-10TN48I	48-TQFP	Pb-Free
ispMACH 4000C	LC4032C	LC4032C-25TN48C	48-TQFP	Pb-Free
ispMACH 4000C	LC4032C	LC4032C-5TN48C	48-TQFP	Pb-Free
ispMACH 4000C	LC4032C	LC4032C-5TN48I	48-TQFP	Pb-Free
ispMACH 4000C	LC4032C	LC4032C-75TN48C	48-TQFP	Pb-Free
ispMACH 4000C	LC4032C	LC4032C-75TN48I	48-TQFP	Pb-Free
ispMACH 4000C	LC4064C	LC4064C-10TN100I	100-TQFP	Pb-Free
ispMACH 4000C	LC4064C	LC4064C-25TN100C	100-TQFP	Pb-Free
ispMACH 4000C	LC4064C	LC4064C-5TN100C	100-TQFP	Pb-Free
ispMACH 4000C	LC4064C	LC4064C-5TN100I	100-TQFP	Pb-Free
ispMACH 4000C	LC4064C	LC4064C-75TN100C	100-TQFP	Pb-Free
ispMACH 4000C	LC4064C	LC4064C-75TN100I	100-TQFP	Pb-Free
ispMACH 4000C	LC4064C	LC4064C-10TN48I	48-TQFP	Pb-Free
ispMACH 4000C	LC4064C	LC4064C-25TN48C	48-TQFP	Pb-Free
ispMACH 4000C	LC4064C	LC4064C-5TN48C	48-TQFP	Pb-Free
ispMACH 4000C	LC4064C	LC4064C-5TN48I	48-TQFP	Pb-Free
ispMACH 4000C	LC4064C	LC4064C-75TN48C	48-TQFP	Pb-Free
ispMACH 4000C	LC4064C	LC4064C-75TN48I	48-TQFP	Pb-Free
ispMACH 4000C	LC4128C	LC4128C-10TN100I	100-TQFP	Pb-Free
ispMACH 4000C	LC4128C	LC4128C-27TN100C	100-TQFP	Pb-Free
ispMACH 4000C	LC4128C	LC4128C-5TN100C	100-TQFP	Pb-Free
ispMACH 4000C	LC4128C	LC4128C-5TN100I	100-TQFP	Pb-Free
ispMACH 4000C	LC4128C	LC4128C-75TN100C	100-TQFP	Pb-Free
ispMACH 4000C	LC4128C	LC4128C-75TN100I	100-TQFP	Pb-Free
ispMACH 4000C	LC4128C	LC4128C-10TN128I	128-TQFP	Pb-Free
ispMACH 4000C	LC4128C	LC4128C-27TN128C	128-TQFP	Pb-Free
ispMACH 4000C	LC4128C	LC4128C-5TN128C	128-TQFP	Pb-Free
ispMACH 4000C	LC4128C	LC4128C-5TN128I	128-TQFP	Pb-Free
ispMACH 4000C	LC4128C	LC4128C-75TN128C	128-TQFP	Pb-Free
ispMACH 4000C	LC4128C	LC4128C-75TN128I	128-TQFP	Pb-Free
ispMACH 4000V	LC4032V	LC4032V-10TN48I	48-TQFP	Pb-Free

Product Family	Device	Ordering Part Number	Package	SnPb / Pb-Free / Halogen-Free
ispMACH 4000V	LC4032V	LC4032V-25TN48C	48-TQFP	Pb-Free
ispMACH 4000V	LC4032V	LC4032V-5TN48C	48-TQFP	Pb-Free
ispMACH 4000V	LC4032V	LC4032V-5TN48I	48-TQFP	Pb-Free
ispMACH 4000V	LC4032V	LC4032V-75TN48C	48-TQFP	Pb-Free
ispMACH 4000V	LC4032V	LC4032V-75TN48E	48-TQFP	Pb-Free
ispMACH 4000V	LC4032V	LC4032V-75TN48I	48-TQFP	Pb-Free
ispMACH 4000V	LC4064V	LC4064V-10TN100I	100-TQFP	Pb-Free
ispMACH 4000V	LC4064V	LC4064V-25TN100C	100-TQFP	Pb-Free
ispMACH 4000V	LC4064V	LC4064V-5TN100C	100-TQFP	Pb-Free
ispMACH 4000V	LC4064V	LC4064V-5TN100I	100-TQFP	Pb-Free
ispMACH 4000V	LC4064V	LC4064V-75TN100C	100-TQFP	Pb-Free
ispMACH 4000V	LC4064V	LC4064V-75TN100E	100-TQFP	Pb-Free
ispMACH 4000V	LC4064V	LC4064V-75TN100I	100-TQFP	Pb-Free
ispMACH 4000V	LC4064V	LC4064V-10TN48I	48-TQFP	Pb-Free
ispMACH 4000V	LC4064V	LC4064V-25TN48C	48-TQFP	Pb-Free
ispMACH 4000V	LC4064V	LC4064V-5TN48C	48-TQFP	Pb-Free
ispMACH 4000V	LC4064V	LC4064V-5TN48I	48-TQFP	Pb-Free
ispMACH 4000V	LC4064V	LC4064V-75TN48C	48-TQFP	Pb-Free
ispMACH 4000V	LC4064V	LC4064V-75TN48E	48-TQFP	Pb-Free
ispMACH 4000V	LC4064V	LC4064V-75TN48I	48-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-10TN100I	100-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-27TN100C	100-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-5TN100C	100-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-5TN100I	100-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-75TN100C	100-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-75TN100E	100-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-75TN100I	100-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-10TN128I	128-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-27TN128C	128-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-5TN128C	128-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-5TN128I	128-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-75TN128C	128-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-75TN128E	128-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-75TN128I	128-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-10TN144I	144-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-27TN144C	144-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-5TN144C	144-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-5TN144I	144-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-75TN144C	144-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-75TN144E	144-TQFP	Pb-Free
ispMACH 4000V	LC4128V	LC4128V-75TN144I	144-TQFP	Pb-Free
ispMACH 4000ZC	LC4032ZC	LC4032ZC-35TN48C	48-TQFP	Pb-Free
ispMACH 4000ZC	LC4032ZC	LC4032ZC-5TN48C	48-TQFP	Pb-Free
ispMACH 4000ZC	LC4032ZC	LC4032ZC-5TN48I	48-TQFP	Pb-Free
ispMACH 4000ZC	LC4032ZC	LC4032ZC-75TN48C	48-TQFP	Pb-Free
ispMACH 4000ZC	LC4032ZC	LC4032ZC-75TN48E	48-TQFP	Pb-Free
ispMACH 4000ZC	LC4032ZC	LC4032ZC-75TN48I	48-TQFP	Pb-Free
ispMACH 4000ZC	LC4032ZC	LC4032ZC-35MN56C	56-csBGA	Pb-Free
ispMACH 4000ZC	LC4032ZC	LC4032ZC-5MN56C	56-csBGA	Pb-Free
ispMACH 4000ZC	LC4032ZC	LC4032ZC-5MN56I	56-csBGA	Pb-Free
ispMACH 4000ZC	LC4032ZC	LC4032ZC-75MN56C	56-csBGA	Pb-Free
ispMACH 4000ZC	LC4032ZC	LC4032ZC-75MN56I	56-csBGA	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-37TN100C	100-TQFP	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-5TN100C	100-TQFP	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-5TN100I	100-TQFP	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-75TN100C	100-TQFP	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-75TN100E	100-TQFP	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-75TN100I	100-TQFP	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-37MN132C	132-csBGA	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-5MN132C	132-csBGA	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-5MN132I	132-csBGA	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-75MN132C	132-csBGA	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-75MN132I	132-csBGA	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-37TN48C	48-TQFP	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-5TN48C	48-TQFP	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-5TN48I	48-TQFP	Pb-Free

Product Family	Device	Ordering Part Number	Package	SnPb / Pb-Free / Halogen-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-75TN48C	48-TQFP	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-75TN48E	48-TQFP	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-75TN48I	48-TQFP	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-37MN56C	56-csBGA	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-5MN56C	56-csBGA	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-5MN56I	56-csBGA	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-75MN56C	56-csBGA	Pb-Free
ispMACH 4000ZC	LC4064ZC	LC4064ZC-75MN56I	56-csBGA	Pb-Free
ispMACH 4000ZC	LC4128ZC	LC4128ZC-42TN100C	100-TQFP	Pb-Free
ispMACH 4000ZC	LC4128ZC	LC4128ZC-75TN100C	100-TQFP	Pb-Free
ispMACH 4000ZC	LC4128ZC	LC4128ZC-75TN100E	100-TQFP	Pb-Free
ispMACH 4000ZC	LC4128ZC	LC4128ZC-75TN100I	100-TQFP	Pb-Free
ispMACH 4000ZC	LC4128ZC	LC4128ZC-42MN132C	132-csBGA	Pb-Free
ispMACH 4000ZC	LC4128ZC	LC4128ZC-75MN132C	132-csBGA	Pb-Free
ispMACH 4000ZC	LC4128ZC	LC4128ZC-75MN132I	132-csBGA	Pb-Free
ispMACH 4000ZE	LC4032ZE	LC4032ZE-4TN48C	48-TQFP	Pb-Free
ispMACH 4000ZE	LC4032ZE	LC4032ZE-5TN48C	48-TQFP	Pb-Free
ispMACH 4000ZE	LC4032ZE	LC4032ZE-5TN48I	48-TQFP	Pb-Free
ispMACH 4000ZE	LC4032ZE	LC4032ZE-7TN48C	48-TQFP	Pb-Free
ispMACH 4000ZE	LC4032ZE	LC4032ZE-7TN48I	48-TQFP	Pb-Free
ispMACH 4000ZE	LC4032ZE	LC4032ZE-4MN64C	64-csBGA	Pb-Free
ispMACH 4000ZE	LC4032ZE	LC4032ZE-5MN64C	64-csBGA	Pb-Free
ispMACH 4000ZE	LC4032ZE	LC4032ZE-5MN64I	64-csBGA	Pb-Free
ispMACH 4000ZE	LC4032ZE	LC4032ZE-7MN64C	64-csBGA	Pb-Free
ispMACH 4000ZE	LC4032ZE	LC4032ZE-7MN64I	64-csBGA	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-4TN100C	100-TQFP	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-5TN100C	100-TQFP	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-5TN100I	100-TQFP	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-7TN100C	100-TQFP	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-7TN100I	100-TQFP	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-4MN144C	144-csBGA	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-5MN144C	144-csBGA	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-5MN144I	144-csBGA	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-7MN144C	144-csBGA	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-7MN144I	144-csBGA	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-4TN48C	48-TQFP	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-5TN48C	48-TQFP	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-5TN48I	48-TQFP	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-7TN48C	48-TQFP	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-7TN48I	48-TQFP	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-4MN64C	64-csBGA	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-5MN64C	64-csBGA	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-5MN64I	64-csBGA	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-7MN64C	64-csBGA	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-7MN64I	64-csBGA	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-4UMN64C	64-ucBGA	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-5UMN64C	64-ucBGA	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-5UMN64I	64-ucBGA	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-7UMN64C	64-ucBGA	Pb-Free
ispMACH 4000ZE	LC4064ZE	LC4064ZE-7UMN64I	64-ucBGA	Pb-Free
ispMACH 4000ZE	LC4128ZE	LC4128ZE-5TN100C	100-TQFP	Pb-Free
ispMACH 4000ZE	LC4128ZE	LC4128ZE-7TN100C	100-TQFP	Pb-Free
ispMACH 4000ZE	LC4128ZE	LC4128ZE-7TN100I	100-TQFP	Pb-Free
ispMACH 4000ZE	LC4128ZE	LC4128ZE-5UMN132C	132-ucBGA	Pb-Free
ispMACH 4000ZE	LC4128ZE	LC4128ZE-7UMN132C	132-ucBGA	Pb-Free
ispMACH 4000ZE	LC4128ZE	LC4128ZE-7UMN132I	132-ucBGA	Pb-Free
ispMACH 4000ZE	LC4128ZE	LC4128ZE-5MN144C	144-csBGA	Pb-Free
ispMACH 4000ZE	LC4128ZE	LC4128ZE-7MN144C	144-csBGA	Pb-Free
ispMACH 4000ZE	LC4128ZE	LC4128ZE-7MN144I	144-csBGA	Pb-Free
ispMACH 4000ZE	LC4128ZE	LC4128ZE-5TN144C	144-TQFP	Pb-Free
ispMACH 4000ZE	LC4128ZE	LC4128ZE-7TN144C	144-TQFP	Pb-Free
ispMACH 4000ZE	LC4128ZE	LC4128ZE-7TN144I	144-TQFP	Pb-Free
ispMACH 4000ZE	LC4256ZE	LC4256ZE-5TN100C	100-TQFP	Pb-Free
ispMACH 4000ZE	LC4256ZE	LC4256ZE-7TN100C	100-TQFP	Pb-Free
ispMACH 4000ZE	LC4256ZE	LC4256ZE-7TN100I	100-TQFP	Pb-Free
ispMACH 4000ZE	LC4256ZE	LC4256ZE-5MN144C	144-csBGA	Pb-Free

Product Family	Device	Ordering Part Number	Package	SnPb / Pb-Free / Halogen-Free
ispMACH 4000ZE	LC4256ZE	LC4256ZE-7MN144C	144-csBGA	Pb-Free
ispMACH 4000ZE	LC4256ZE	LC4256ZE-7MN144I	144-csBGA	Pb-Free
ispMACH 4000ZE	LC4256ZE	LC4256ZE-5TN144C	144-TQFP	Pb-Free
ispMACH 4000ZE	LC4256ZE	LC4256ZE-7TN144C	144-TQFP	Pb-Free
ispMACH 4000ZE	LC4256ZE	LC4256ZE-7TN144I	144-TQFP	Pb-Free
LatticeECP2	LFE2-12E	LFE2-12E-5TN144C	144-TQFP	Pb-Free
LatticeECP2	LFE2-12E	LFE2-12E-5TN144I	144-TQFP	Pb-Free
LatticeECP2	LFE2-12E	LFE2-12E-6TN144C	144-TQFP	Pb-Free
LatticeECP2	LFE2-12E	LFE2-12E-6TN144I	144-TQFP	Pb-Free
LatticeECP2	LFE2-12E	LFE2-12E-7TN144C	144-TQFP	Pb-Free
LatticeECP2	LFE2-12E	LFE2-12E-5FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-12E	LFE2-12E-5FN256I	256-fpBGA	Pb-Free
LatticeECP2	LFE2-12E	LFE2-12E-6FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-12E	LFE2-12E-6FN256I	256-fpBGA	Pb-Free
LatticeECP2	LFE2-12E	LFE2-12E-7FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-12E	LFE2-12E-5FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-12E	LFE2-12E-5FN484I	484-fpBGA	Pb-Free
LatticeECP2	LFE2-12E	LFE2-12E-6FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-12E	LFE2-12E-6FN484I	484-fpBGA	Pb-Free
LatticeECP2	LFE2-12E	LFE2-12E-7FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-12SE	LFE2-12SE-5TN144C	144-TQFP	Pb-Free
LatticeECP2	LFE2-12SE	LFE2-12SE-5TN144I	144-TQFP	Pb-Free
LatticeECP2	LFE2-12SE	LFE2-12SE-6TN144C	144-TQFP	Pb-Free
LatticeECP2	LFE2-12SE	LFE2-12SE-6TN144I	144-TQFP	Pb-Free
LatticeECP2	LFE2-12SE	LFE2-12SE-7TN144C	144-TQFP	Pb-Free
LatticeECP2	LFE2-12SE	LFE2-12SE-5FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-12SE	LFE2-12SE-5FN256I	256-fpBGA	Pb-Free
LatticeECP2	LFE2-12SE	LFE2-12SE-6FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-12SE	LFE2-12SE-6FN256I	256-fpBGA	Pb-Free
LatticeECP2	LFE2-12SE	LFE2-12SE-7FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-12SE	LFE2-12SE-5FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-12SE	LFE2-12SE-5FN484I	484-fpBGA	Pb-Free
LatticeECP2	LFE2-12SE	LFE2-12SE-6FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-12SE	LFE2-12SE-6FN484I	484-fpBGA	Pb-Free
LatticeECP2	LFE2-12SE	LFE2-12SE-7FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-20E	LFE2-20E-5FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-20E	LFE2-20E-5FN256I	256-fpBGA	Pb-Free
LatticeECP2	LFE2-20E	LFE2-20E-6FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-20E	LFE2-20E-6FN256I	256-fpBGA	Pb-Free
LatticeECP2	LFE2-20E	LFE2-20E-7FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-20E	LFE2-20E-5FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-20E	LFE2-20E-5FN484I	484-fpBGA	Pb-Free
LatticeECP2	LFE2-20E	LFE2-20E-6FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-20E	LFE2-20E-6FN484I	484-fpBGA	Pb-Free
LatticeECP2	LFE2-20E	LFE2-20E-7FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-20E	LFE2-20E-5FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-20E	LFE2-20E-5FN672I	672-fpBGA	Pb-Free
LatticeECP2	LFE2-20E	LFE2-20E-6FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-20E	LFE2-20E-6FN672I	672-fpBGA	Pb-Free
LatticeECP2	LFE2-20E	LFE2-20E-7FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-20SE	LFE2-20SE-5FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-20SE	LFE2-20SE-5FN256I	256-fpBGA	Pb-Free
LatticeECP2	LFE2-20SE	LFE2-20SE-6FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-20SE	LFE2-20SE-6FN256I	256-fpBGA	Pb-Free
LatticeECP2	LFE2-20SE	LFE2-20SE-7FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-20SE	LFE2-20SE-5FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-20SE	LFE2-20SE-5FN484I	484-fpBGA	Pb-Free
LatticeECP2	LFE2-20SE	LFE2-20SE-6FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-20SE	LFE2-20SE-6FN484I	484-fpBGA	Pb-Free
LatticeECP2	LFE2-20SE	LFE2-20SE-7FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-20SE	LFE2-20SE-5FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-20SE	LFE2-20SE-5FN672I	672-fpBGA	Pb-Free
LatticeECP2	LFE2-20SE	LFE2-20SE-6FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-20SE	LFE2-20SE-6FN672I	672-fpBGA	Pb-Free
LatticeECP2	LFE2-20SE	LFE2-20SE-7FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-35E	LFE2-35E-5FN484C	484-fpBGA	Pb-Free

Product Family	Device	Ordering Part Number	Package	SnPb / Pb-Free / Halogen-Free
LatticeECP2	LFE2-35E	LFE2-35E-5FN484I	484-fpBGA	Pb-Free
LatticeECP2	LFE2-35E	LFE2-35E-6FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-35E	LFE2-35E-6FN484I	484-fpBGA	Pb-Free
LatticeECP2	LFE2-35E	LFE2-35E-7FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-35E	LFE2-35E-5FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-35E	LFE2-35E-5FN672I	672-fpBGA	Pb-Free
LatticeECP2	LFE2-35E	LFE2-35E-6FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-35E	LFE2-35E-6FN672I	672-fpBGA	Pb-Free
LatticeECP2	LFE2-35E	LFE2-35E-7FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-35SE	LFE2-35SE-5FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-35SE	LFE2-35SE-5FN484I	484-fpBGA	Pb-Free
LatticeECP2	LFE2-35SE	LFE2-35SE-6FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-35SE	LFE2-35SE-6FN484I	484-fpBGA	Pb-Free
LatticeECP2	LFE2-35SE	LFE2-35SE-7FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-35SE	LFE2-35SE-5FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-35SE	LFE2-35SE-5FN672I	672-fpBGA	Pb-Free
LatticeECP2	LFE2-35SE	LFE2-35SE-6FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-35SE	LFE2-35SE-6FN672I	672-fpBGA	Pb-Free
LatticeECP2	LFE2-35SE	LFE2-35SE-7FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-50E	LFE2-50E-5FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-50E	LFE2-50E-5FN484I	484-fpBGA	Pb-Free
LatticeECP2	LFE2-50E	LFE2-50E-6FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-50E	LFE2-50E-6FN484I	484-fpBGA	Pb-Free
LatticeECP2	LFE2-50E	LFE2-50E-7FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-50E	LFE2-50E-5FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-50E	LFE2-50E-5FN672I	672-fpBGA	Pb-Free
LatticeECP2	LFE2-50E	LFE2-50E-6FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-50E	LFE2-50E-6FN672I	672-fpBGA	Pb-Free
LatticeECP2	LFE2-50E	LFE2-50E-7FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-50SE	LFE2-50SE-5FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-50SE	LFE2-50SE-5FN484I	484-fpBGA	Pb-Free
LatticeECP2	LFE2-50SE	LFE2-50SE-6FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-50SE	LFE2-50SE-6FN484I	484-fpBGA	Pb-Free
LatticeECP2	LFE2-50SE	LFE2-50SE-7FN484C	484-fpBGA	Pb-Free
LatticeECP2	LFE2-50SE	LFE2-50SE-5FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-50SE	LFE2-50SE-5FN672I	672-fpBGA	Pb-Free
LatticeECP2	LFE2-50SE	LFE2-50SE-6FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-50SE	LFE2-50SE-6FN672I	672-fpBGA	Pb-Free
LatticeECP2	LFE2-50SE	LFE2-50SE-7FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-6E	LFE2-6E-5TN144C	144-TQFP	Pb-Free
LatticeECP2	LFE2-6E	LFE2-6E-5TN144I	144-TQFP	Pb-Free
LatticeECP2	LFE2-6E	LFE2-6E-6TN144C	144-TQFP	Pb-Free
LatticeECP2	LFE2-6E	LFE2-6E-6TN144I	144-TQFP	Pb-Free
LatticeECP2	LFE2-6E	LFE2-6E-7TN144C	144-TQFP	Pb-Free
LatticeECP2	LFE2-6E	LFE2-6E-5FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-6E	LFE2-6E-5FN256I	256-fpBGA	Pb-Free
LatticeECP2	LFE2-6E	LFE2-6E-6FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-6E	LFE2-6E-6FN256I	256-fpBGA	Pb-Free
LatticeECP2	LFE2-6E	LFE2-6E-7FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-6SE	LFE2-6SE-5TN144C	144-TQFP	Pb-Free
LatticeECP2	LFE2-6SE	LFE2-6SE-5TN144I	144-TQFP	Pb-Free
LatticeECP2	LFE2-6SE	LFE2-6SE-6TN144C	144-TQFP	Pb-Free
LatticeECP2	LFE2-6SE	LFE2-6SE-6TN144I	144-TQFP	Pb-Free
LatticeECP2	LFE2-6SE	LFE2-6SE-7TN144C	144-TQFP	Pb-Free
LatticeECP2	LFE2-6SE	LFE2-6SE-5FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-6SE	LFE2-6SE-5FN256I	256-fpBGA	Pb-Free
LatticeECP2	LFE2-6SE	LFE2-6SE-6FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-6SE	LFE2-6SE-6FN256I	256-fpBGA	Pb-Free
LatticeECP2	LFE2-6SE	LFE2-6SE-7FN256C	256-fpBGA	Pb-Free
LatticeECP2	LFE2-70E	LFE2-70E-5FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-70E	LFE2-70E-5FN672I	672-fpBGA	Pb-Free
LatticeECP2	LFE2-70E	LFE2-70E-6FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-70E	LFE2-70E-6FN672I	672-fpBGA	Pb-Free
LatticeECP2	LFE2-70E	LFE2-70E-7FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-70E	LFE2-70E-5FN900C	900-fpBGA	Pb-Free
LatticeECP2	LFE2-70E	LFE2-70E-5FN900I	900-fpBGA	Pb-Free

Product Family	Device	Ordering Part Number	Package	SnPb / Pb-Free / Halogen-Free
LatticeECP2	LFE2-70E	LFE2-70E-6FN900C	900-fpBGA	Pb-Free
LatticeECP2	LFE2-70E	LFE2-70E-6FN900I	900-fpBGA	Pb-Free
LatticeECP2	LFE2-70E	LFE2-70E-7FN900C	900-fpBGA	Pb-Free
LatticeECP2	LFE2-70SE	LFE2-70SE-5FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-70SE	LFE2-70SE-5FN672I	672-fpBGA	Pb-Free
LatticeECP2	LFE2-70SE	LFE2-70SE-6FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-70SE	LFE2-70SE-6FN672I	672-fpBGA	Pb-Free
LatticeECP2	LFE2-70SE	LFE2-70SE-7FN672C	672-fpBGA	Pb-Free
LatticeECP2	LFE2-70SE	LFE2-70SE-5FN900C	900-fpBGA	Pb-Free
LatticeECP2	LFE2-70SE	LFE2-70SE-5FN900I	900-fpBGA	Pb-Free
LatticeECP2	LFE2-70SE	LFE2-70SE-6FN900C	900-fpBGA	Pb-Free
LatticeECP2	LFE2-70SE	LFE2-70SE-6FN900I	900-fpBGA	Pb-Free
LatticeECP2	LFE2-70SE	LFE2-70SE-7FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M100E	LFE2M100E-5FN1152C	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M100E	LFE2M100E-5FN1152I	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M100E	LFE2M100E-6FN1152C	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M100E	LFE2M100E-6FN1152I	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M100E	LFE2M100E-7FN1152C	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M100E	LFE2M100E-5FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M100E	LFE2M100E-5FN900I	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M100E	LFE2M100E-6FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M100E	LFE2M100E-6FN900I	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M100E	LFE2M100E-7FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M100SE	LFE2M100SE-5FN1152C	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M100SE	LFE2M100SE-5FN1152I	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M100SE	LFE2M100SE-6FN1152C	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M100SE	LFE2M100SE-6FN1152I	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M100SE	LFE2M100SE-7FN1152C	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M100SE	LFE2M100SE-5FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M100SE	LFE2M100SE-5FN900I	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M100SE	LFE2M100SE-6FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M100SE	LFE2M100SE-6FN900I	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M100SE	LFE2M100SE-7FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M20E	LFE2M20E-5FN256C	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M20E	LFE2M20E-5FN256I	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M20E	LFE2M20E-6FN256C	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M20E	LFE2M20E-6FN256I	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M20E	LFE2M20E-7FN256C	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M20E	LFE2M20E-5FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M20E	LFE2M20E-5FN484I	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M20E	LFE2M20E-6FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M20E	LFE2M20E-6FN484I	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M20E	LFE2M20E-7FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M20SE	LFE2M20SE-5FN256C	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M20SE	LFE2M20SE-5FN256I	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M20SE	LFE2M20SE-6FN256C	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M20SE	LFE2M20SE-6FN256I	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M20SE	LFE2M20SE-7FN256C	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M20SE	LFE2M20SE-5FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M20SE	LFE2M20SE-5FN484I	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M20SE	LFE2M20SE-6FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M20SE	LFE2M20SE-6FN484I	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M20SE	LFE2M20SE-7FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M35E	LFE2M35E-5FN256C	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M35E	LFE2M35E-5FN256I	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M35E	LFE2M35E-6FN256C	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M35E	LFE2M35E-6FN256I	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M35E	LFE2M35E-7FN256C	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M35E	LFE2M35E-5FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M35E	LFE2M35E-5FN484I	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M35E	LFE2M35E-6FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M35E	LFE2M35E-6FN484I	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M35E	LFE2M35E-7FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M35E	LFE2M35E-5FN672C	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M35E	LFE2M35E-5FN672I	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M35E	LFE2M35E-6FN672C	672-fpBGA	Pb-Free

Product Family	Device	Ordering Part Number	Package	SnPb / Pb-Free / Halogen-Free
LatticeECP2M	LFE2M35E	LFE2M35E-6FN672I	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M35E	LFE2M35E-7FN672C	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M35SE	LFE2M35SE-5FN256C	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M35SE	LFE2M35SE-5FN256I	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M35SE	LFE2M35SE-6FN256C	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M35SE	LFE2M35SE-6FN256I	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M35SE	LFE2M35SE-7FN256C	256-fpBGA	Pb-Free
LatticeECP2M	LFE2M35SE	LFE2M35SE-5FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M35SE	LFE2M35SE-5FN484I	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M35SE	LFE2M35SE-6FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M35SE	LFE2M35SE-6FN484I	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M35SE	LFE2M35SE-7FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M35SE	LFE2M35SE-5FN672C	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M35SE	LFE2M35SE-5FN672I	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M35SE	LFE2M35SE-6FN672C	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M35SE	LFE2M35SE-6FN672I	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M35SE	LFE2M35SE-7FN672C	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M50E	LFE2M50E-5FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M50E	LFE2M50E-5FN484I	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M50E	LFE2M50E-6FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M50E	LFE2M50E-6FN484I	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M50E	LFE2M50E-7FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M50E	LFE2M50E-5FN672C	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M50E	LFE2M50E-5FN672I	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M50E	LFE2M50E-6FN672C	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M50E	LFE2M50E-6FN672I	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M50E	LFE2M50E-7FN672C	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M50E	LFE2M50E-5FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M50E	LFE2M50E-5FN900I	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M50E	LFE2M50E-6FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M50E	LFE2M50E-6FN900I	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M50E	LFE2M50E-7FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M50SE	LFE2M50SE-5FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M50SE	LFE2M50SE-5FN484I	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M50SE	LFE2M50SE-6FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M50SE	LFE2M50SE-6FN484I	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M50SE	LFE2M50SE-7FN484C	484-fpBGA	Pb-Free
LatticeECP2M	LFE2M50SE	LFE2M50SE-5FN672C	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M50SE	LFE2M50SE-5FN672I	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M50SE	LFE2M50SE-6FN672C	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M50SE	LFE2M50SE-6FN672I	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M50SE	LFE2M50SE-7FN672C	672-fpBGA	Pb-Free
LatticeECP2M	LFE2M50SE	LFE2M50SE-5FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M50SE	LFE2M50SE-5FN900I	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M50SE	LFE2M50SE-6FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M50SE	LFE2M50SE-6FN900I	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M50SE	LFE2M50SE-7FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M70E	LFE2M70E-5FN1152C	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M70E	LFE2M70E-5FN1152I	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M70E	LFE2M70E-6FN1152C	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M70E	LFE2M70E-6FN1152I	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M70E	LFE2M70E-7FN1152C	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M70E	LFE2M70E-5FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M70E	LFE2M70E-5FN900I	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M70E	LFE2M70E-6FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M70E	LFE2M70E-6FN900I	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M70E	LFE2M70E-7FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M70SE	LFE2M70SE-5FN1152C	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M70SE	LFE2M70SE-5FN1152I	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M70SE	LFE2M70SE-6FN1152C	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M70SE	LFE2M70SE-6FN1152I	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M70SE	LFE2M70SE-7FN1152C	1152-fpBGA	Pb-Free
LatticeECP2M	LFE2M70SE	LFE2M70SE-5FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M70SE	LFE2M70SE-5FN900I	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M70SE	LFE2M70SE-6FN900C	900-fpBGA	Pb-Free
LatticeECP2M	LFE2M70SE	LFE2M70SE-6FN900I	900-fpBGA	Pb-Free

Product Family	Device	Ordering Part Number	Package	SnPb / Pb-Free / Halogen-Free
LatticeECP2M	LFE2M70SE	LFE2M70SE-7FN900C	900-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-6FN1156C	1156-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-6FN1156I	1156-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-7FN1156C	1156-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-7FN1156I	1156-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-8FN1156C	1156-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-8FN1156I	1156-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-9FN1156C	1156-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-6LFN1156C	1156-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-6LFN1156I	1156-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-7LFN1156C	1156-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-7LFN1156I	1156-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-8LFN1156C	1156-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-8LFN1156I	1156-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-9FN1156I	1156-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-6FN672C	672-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-6FN672I	672-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-7FN672C	672-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-7FN672I	672-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-8FN672C	672-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-8FN672I	672-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-9FN672C	672-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-6LFN672C	672-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-6LFN672I	672-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-7LFN672C	672-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-7LFN672I	672-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-8LFN672C	672-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-8LFN672I	672-fpBGA	Pb-Free
LatticeECP3	LFE3-150EA	LFE3-150EA-9FN672I	672-fpBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-6FTN256C	256-ftBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-6FTN256I	256-ftBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-7FTN256C	256-ftBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-7FTN256I	256-ftBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-8FTN256C	256-ftBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-8FTN256I	256-ftBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-6LFTN256C	256-ftBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-6LFTN256I	256-ftBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-7LFTN256C	256-ftBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-7LFTN256I	256-ftBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-8LFTN256C	256-ftBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-8LFTN256I	256-ftBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-6MG328C	328-csBGA	Halogen-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-6MG328I	328-csBGA	Halogen-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-7MG328C	328-csBGA	Halogen-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-7MG328I	328-csBGA	Halogen-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-8MG328C	328-csBGA	Halogen-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-8MG328I	328-csBGA	Halogen-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-6LMG328C	328-csBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-6LMG328I	328-csBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-7LMG328C	328-csBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-7LMG328I	328-csBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-8LMG328C	328-csBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-8LMG328I	328-csBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-6FN484C	484-fpBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-6FN484I	484-fpBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-7FN484C	484-fpBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-7FN484I	484-fpBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-8FN484C	484-fpBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-8FN484I	484-fpBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-6LFN484C	484-fpBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-6LFN484I	484-fpBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-7LFN484C	484-fpBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-7LFN484I	484-fpBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-8LFN484C	484-fpBGA	Pb-Free
LatticeECP3	LFE3-17EA	LFE3-17EA-8LFN484I	484-fpBGA	Pb-Free
LatticeECP3	LFE3-35EA	LFE3-35EA-6FTN256C	256-ftBGA	Pb-Free

Product Family	Device	Ordering Part Number	Package	SnPb / Pb-Free / Halogen-Free
LatticeXP2	LFXP2-17E	LFXP2-17E-6FN484C	484-fpBGA	Pb-Free
LatticeXP2	LFXP2-17E	LFXP2-17E-6FN484I	484-fpBGA	Pb-Free
LatticeXP2	LFXP2-17E	LFXP2-17E-7FN484C	484-fpBGA	Pb-Free
LatticeXP2	LFXP2-30E	LFXP2-30E-5FTN256C	256-ftBGA	Pb-Free
LatticeXP2	LFXP2-30E	LFXP2-30E-5FTN256I	256-ftBGA	Pb-Free
LatticeXP2	LFXP2-30E	LFXP2-30E-6FTN256C	256-ftBGA	Pb-Free
LatticeXP2	LFXP2-30E	LFXP2-30E-6FTN256I	256-ftBGA	Pb-Free
LatticeXP2	LFXP2-30E	LFXP2-30E-7FTN256C	256-ftBGA	Pb-Free
LatticeXP2	LFXP2-30E	LFXP2-30E-5FN484C	484-fpBGA	Pb-Free
LatticeXP2	LFXP2-30E	LFXP2-30E-5FN484I	484-fpBGA	Pb-Free
LatticeXP2	LFXP2-30E	LFXP2-30E-6FN484C	484-fpBGA	Pb-Free
LatticeXP2	LFXP2-30E	LFXP2-30E-6FN484I	484-fpBGA	Pb-Free
LatticeXP2	LFXP2-30E	LFXP2-30E-7FN484C	484-fpBGA	Pb-Free
LatticeXP2	LFXP2-30E	LFXP2-30E-5FN672C	672-fpBGA	Pb-Free
LatticeXP2	LFXP2-30E	LFXP2-30E-5FN672I	672-fpBGA	Pb-Free
LatticeXP2	LFXP2-30E	LFXP2-30E-6FN672C	672-fpBGA	Pb-Free
LatticeXP2	LFXP2-30E	LFXP2-30E-6FN672I	672-fpBGA	Pb-Free
LatticeXP2	LFXP2-30E	LFXP2-30E-7FN672C	672-fpBGA	Pb-Free
LatticeXP2	LFXP2-40E	LFXP2-40E-5FN484C	484-fpBGA	Pb-Free
LatticeXP2	LFXP2-40E	LFXP2-40E-5FN484I	484-fpBGA	Pb-Free
LatticeXP2	LFXP2-40E	LFXP2-40E-6FN484C	484-fpBGA	Pb-Free
LatticeXP2	LFXP2-40E	LFXP2-40E-6FN484I	484-fpBGA	Pb-Free
LatticeXP2	LFXP2-40E	LFXP2-40E-7FN484C	484-fpBGA	Pb-Free
LatticeXP2	LFXP2-40E	LFXP2-40E-5FN672C	672-fpBGA	Pb-Free
LatticeXP2	LFXP2-40E	LFXP2-40E-5FN672I	672-fpBGA	Pb-Free
LatticeXP2	LFXP2-40E	LFXP2-40E-6FN672C	672-fpBGA	Pb-Free
LatticeXP2	LFXP2-40E	LFXP2-40E-6FN672I	672-fpBGA	Pb-Free
LatticeXP2	LFXP2-40E	LFXP2-40E-7FN672C	672-fpBGA	Pb-Free
LatticeXP2	LFXP2-5E	LFXP2-5E-5MN132C	132-csBGA	Pb-Free
LatticeXP2	LFXP2-5E	LFXP2-5E-5MN132I	132-csBGA	Pb-Free
LatticeXP2	LFXP2-5E	LFXP2-5E-6MN132C	132-csBGA	Pb-Free
LatticeXP2	LFXP2-5E	LFXP2-5E-6MN132I	132-csBGA	Pb-Free
LatticeXP2	LFXP2-5E	LFXP2-5E-7MN132C	132-csBGA	Pb-Free
LatticeXP2	LFXP2-5E	LFXP2-5E-5TN144C	144-TQFP	Pb-Free
LatticeXP2	LFXP2-5E	LFXP2-5E-5TN144I	144-TQFP	Pb-Free
LatticeXP2	LFXP2-5E	LFXP2-5E-6TN144C	144-TQFP	Pb-Free
LatticeXP2	LFXP2-5E	LFXP2-5E-6TN144I	144-TQFP	Pb-Free
LatticeXP2	LFXP2-5E	LFXP2-5E-7TN144C	144-TQFP	Pb-Free
LatticeXP2	LFXP2-5E	LFXP2-5E-5FTN256C	256-ftBGA	Pb-Free
LatticeXP2	LFXP2-5E	LFXP2-5E-5FTN256I	256-ftBGA	Pb-Free
LatticeXP2	LFXP2-5E	LFXP2-5E-6FTN256C	256-ftBGA	Pb-Free
LatticeXP2	LFXP2-5E	LFXP2-5E-6FTN256I	256-ftBGA	Pb-Free
LatticeXP2	LFXP2-5E	LFXP2-5E-7FTN256C	256-ftBGA	Pb-Free
LatticeXP2	LFXP2-8E	LFXP2-8E-5MN132C	132-csBGA	Pb-Free
LatticeXP2	LFXP2-8E	LFXP2-8E-5MN132I	132-csBGA	Pb-Free
LatticeXP2	LFXP2-8E	LFXP2-8E-6MN132C	132-csBGA	Pb-Free
LatticeXP2	LFXP2-8E	LFXP2-8E-6MN132I	132-csBGA	Pb-Free
LatticeXP2	LFXP2-8E	LFXP2-8E-7MN132C	132-csBGA	Pb-Free
LatticeXP2	LFXP2-8E	LFXP2-8E-5TN144C	144-TQFP	Pb-Free
LatticeXP2	LFXP2-8E	LFXP2-8E-5TN144I	144-TQFP	Pb-Free
LatticeXP2	LFXP2-8E	LFXP2-8E-6TN144C	144-TQFP	Pb-Free
LatticeXP2	LFXP2-8E	LFXP2-8E-6TN144I	144-TQFP	Pb-Free
LatticeXP2	LFXP2-8E	LFXP2-8E-7TN144C	144-TQFP	Pb-Free
LatticeXP2	LFXP2-8E	LFXP2-8E-5FTN256C	256-ftBGA	Pb-Free
LatticeXP2	LFXP2-8E	LFXP2-8E-5FTN256I	256-ftBGA	Pb-Free
LatticeXP2	LFXP2-8E	LFXP2-8E-6FTN256C	256-ftBGA	Pb-Free
LatticeXP2	LFXP2-8E	LFXP2-8E-6FTN256I	256-ftBGA	Pb-Free
LatticeXP2	LFXP2-8E	LFXP2-8E-7FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-3TN100C	100-TQFP	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-3TN100I	100-TQFP	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-4TN100C	100-TQFP	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-4TN100I	100-TQFP	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-5TN100C	100-TQFP	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-3MN132C	132-csBGA	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-3MN132I	132-csBGA	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-4MN132C	132-csBGA	Pb-Free

Product Family	Device	Ordering Part Number	Package	SnPb / Pb-Free / Halogen-Free
MachXO	LCMXO1200C	LCMXO1200C-4MN132I	132-csBGA	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-5MN132C	132-csBGA	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-3TN144C	144-TQFP	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-3TN144I	144-TQFP	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-4TN144C	144-TQFP	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-4TN144I	144-TQFP	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-5TN144C	144-TQFP	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-3BN256C	256-caBGA	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-3BN256I	256-caBGA	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-4BN256C	256-caBGA	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-4BN256I	256-caBGA	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-5BN256C	256-caBGA	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-3FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-3FTN256I	256-ftBGA	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-4FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-4FTN256I	256-ftBGA	Pb-Free
MachXO	LCMXO1200C	LCMXO1200C-5FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-3TN100C	100-TQFP	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-3TN100I	100-TQFP	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-4TN100C	100-TQFP	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-4TN100I	100-TQFP	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-5TN100C	100-TQFP	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-3MN132C	132-csBGA	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-3MN132I	132-csBGA	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-4MN132C	132-csBGA	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-4MN132I	132-csBGA	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-5MN132C	132-csBGA	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-3TN144C	144-TQFP	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-3TN144I	144-TQFP	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-4TN144C	144-TQFP	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-4TN144I	144-TQFP	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-5TN144C	144-TQFP	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-3BN256C	256-caBGA	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-3BN256I	256-caBGA	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-4BN256C	256-caBGA	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-4BN256I	256-caBGA	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-5BN256C	256-caBGA	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-3FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-3FTN256I	256-ftBGA	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-4FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-4FTN256I	256-ftBGA	Pb-Free
MachXO	LCMXO1200E	LCMXO1200E-5FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-3TN100C	100-TQFP	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-3TN100I	100-TQFP	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-4TN100C	100-TQFP	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-4TN100I	100-TQFP	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-5TN100C	100-TQFP	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-3MN132C	132-csBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-3MN132I	132-csBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-4MN132C	132-csBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-4MN132I	132-csBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-5MN132C	132-csBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-3TN144C	144-TQFP	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-3TN144I	144-TQFP	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-4TN144C	144-TQFP	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-4TN144I	144-TQFP	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-5TN144C	144-TQFP	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-3BN256C	256-caBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-3BN256I	256-caBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-4BN256C	256-caBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-4BN256I	256-caBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-5BN256C	256-caBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-3FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-3FTN256I	256-ftBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-4FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-4FTN256I	256-ftBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-5FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-5FTN256I	256-ftBGA	Pb-Free

Product Family	Device	Ordering Part Number	Package	SnPb / Pb-Free / Halogen-Free
MachXO	LCMXO2280C	LCMXO2280C-5FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-3FTN324C	324-ftBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-3FTN324I	324-ftBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-4FTN324C	324-ftBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-4FTN324I	324-ftBGA	Pb-Free
MachXO	LCMXO2280C	LCMXO2280C-5FTN324C	324-ftBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-3TN100C	100-TQFP	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-3TN100I	100-TQFP	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-4TN100C	100-TQFP	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-4TN100I	100-TQFP	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-5TN100C	100-TQFP	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-3MN132C	132-csBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-3MN132I	132-csBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-4MN132C	132-csBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-4MN132I	132-csBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-5MN132C	132-csBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-3TN144C	144-TQFP	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-3TN144I	144-TQFP	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-4TN144C	144-TQFP	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-4TN144I	144-TQFP	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-5TN144C	144-TQFP	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-3BN256C	256-caBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-3BN256I	256-caBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-4BN256C	256-caBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-4BN256I	256-caBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-5BN256C	256-caBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-3FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-3FTN256I	256-ftBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-4FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-4FTN256I	256-ftBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-5FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-3FTN324C	324-ftBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-3FTN324I	324-ftBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-4FTN324C	324-ftBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-4FTN324I	324-ftBGA	Pb-Free
MachXO	LCMXO2280E	LCMXO2280E-5FTN324C	324-ftBGA	Pb-Free
MachXO	LCMXO256C	LCMXO256C-3MN100C	100-csBGA	Pb-Free
MachXO	LCMXO256C	LCMXO256C-3MN100I	100-csBGA	Pb-Free
MachXO	LCMXO256C	LCMXO256C-4MN100C	100-csBGA	Pb-Free
MachXO	LCMXO256C	LCMXO256C-4MN100I	100-csBGA	Pb-Free
MachXO	LCMXO256C	LCMXO256C-5MN100C	100-csBGA	Pb-Free
MachXO	LCMXO256C	LCMXO256C-3TN100C	100-TQFP	Pb-Free
MachXO	LCMXO256C	LCMXO256C-3TN100I	100-TQFP	Pb-Free
MachXO	LCMXO256C	LCMXO256C-4TN100C	100-TQFP	Pb-Free
MachXO	LCMXO256C	LCMXO256C-4TN100I	100-TQFP	Pb-Free
MachXO	LCMXO256C	LCMXO256C-5TN100C	100-TQFP	Pb-Free
MachXO	LCMXO256E	LCMXO256E-3MN100C	100-csBGA	Pb-Free
MachXO	LCMXO256E	LCMXO256E-3MN100I	100-csBGA	Pb-Free
MachXO	LCMXO256E	LCMXO256E-4MN100C	100-csBGA	Pb-Free
MachXO	LCMXO256E	LCMXO256E-4MN100I	100-csBGA	Pb-Free
MachXO	LCMXO256E	LCMXO256E-5MN100C	100-csBGA	Pb-Free
MachXO	LCMXO256E	LCMXO256E-3TN100C	100-TQFP	Pb-Free
MachXO	LCMXO256E	LCMXO256E-3TN100I	100-TQFP	Pb-Free
MachXO	LCMXO256E	LCMXO256E-4TN100C	100-TQFP	Pb-Free
MachXO	LCMXO256E	LCMXO256E-4TN100I	100-TQFP	Pb-Free
MachXO	LCMXO256E	LCMXO256E-5TN100C	100-TQFP	Pb-Free
MachXO	LCMXO640C	LCMXO640C-3MN100C	100-csBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-3MN100I	100-csBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-4MN100C	100-csBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-4MN100I	100-csBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-5MN100C	100-csBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-3TN100C	100-TQFP	Pb-Free
MachXO	LCMXO640C	LCMXO640C-3TN100I	100-TQFP	Pb-Free
MachXO	LCMXO640C	LCMXO640C-4TN100C	100-TQFP	Pb-Free
MachXO	LCMXO640C	LCMXO640C-4TN100I	100-TQFP	Pb-Free
MachXO	LCMXO640C	LCMXO640C-5TN100C	100-TQFP	Pb-Free

Product Family	Device	Ordering Part Number	Package	SnPb / Pb-Free / Halogen-Free
MachXO	LCMXO640C	LCMXO640C-3MN132C	132-csBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-3MN132I	132-csBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-4MN132C	132-csBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-4MN132I	132-csBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-5MN132C	132-csBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-3TN144C	144-TQFP	Pb-Free
MachXO	LCMXO640C	LCMXO640C-3TN144I	144-TQFP	Pb-Free
MachXO	LCMXO640C	LCMXO640C-4TN144C	144-TQFP	Pb-Free
MachXO	LCMXO640C	LCMXO640C-4TN144I	144-TQFP	Pb-Free
MachXO	LCMXO640C	LCMXO640C-5TN144C	144-TQFP	Pb-Free
MachXO	LCMXO640C	LCMXO640C-3BN256C	256-caBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-3BN256I	256-caBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-4BN256C	256-caBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-4BN256I	256-caBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-5BN256C	256-caBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-3FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-3FTN256I	256-ftBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-4FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-4FTN256I	256-ftBGA	Pb-Free
MachXO	LCMXO640C	LCMXO640C-5FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-3MN100C	100-csBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-3MN100I	100-csBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-4MN100C	100-csBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-4MN100I	100-csBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-5MN100C	100-csBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-3TN100C	100-TQFP	Pb-Free
MachXO	LCMXO640E	LCMXO640E-3TN100I	100-TQFP	Pb-Free
MachXO	LCMXO640E	LCMXO640E-4TN100C	100-TQFP	Pb-Free
MachXO	LCMXO640E	LCMXO640E-4TN100I	100-TQFP	Pb-Free
MachXO	LCMXO640E	LCMXO640E-5TN100C	100-TQFP	Pb-Free
MachXO	LCMXO640E	LCMXO640E-3MN132C	132-csBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-3MN132I	132-csBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-4MN132C	132-csBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-4MN132I	132-csBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-5MN132C	132-csBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-3TN144C	144-TQFP	Pb-Free
MachXO	LCMXO640E	LCMXO640E-3TN144I	144-TQFP	Pb-Free
MachXO	LCMXO640E	LCMXO640E-4TN144C	144-TQFP	Pb-Free
MachXO	LCMXO640E	LCMXO640E-4TN144I	144-TQFP	Pb-Free
MachXO	LCMXO640E	LCMXO640E-5TN144C	144-TQFP	Pb-Free
MachXO	LCMXO640E	LCMXO640E-3BN256C	256-caBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-3BN256I	256-caBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-4BN256C	256-caBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-4BN256I	256-caBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-5BN256C	256-caBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-3FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-3FTN256I	256-ftBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-4FTN256C	256-ftBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-4FTN256I	256-ftBGA	Pb-Free
MachXO	LCMXO640E	LCMXO640E-5FTN256C	256-ftBGA	Pb-Free
MachXO2	LCMXO2-1200HC	LCMXO2-1200HC-4TG100C	100-TQFP	Halogen-Free
MachXO2	LCMXO2-1200HC	LCMXO2-1200HC-4TG100I	100-TQFP	Halogen-Free
MachXO2	LCMXO2-1200HC	LCMXO2-1200HC-5TG100C	100-TQFP	Halogen-Free
MachXO2	LCMXO2-1200HC	LCMXO2-1200HC-5TG100I	100-TQFP	Halogen-Free
MachXO2	LCMXO2-1200HC	LCMXO2-1200HC-6TG100C	100-TQFP	Halogen-Free
MachXO2	LCMXO2-1200HC	LCMXO2-1200HC-6TG100I	100-TQFP	Halogen-Free
MachXO2	LCMXO2-1200HC	LCMXO2-1200HC-4MG132C	132-csBGA	Halogen-Free
MachXO2	LCMXO2-1200HC	LCMXO2-1200HC-4MG132I	132-csBGA	Halogen-Free
MachXO2	LCMXO2-1200HC	LCMXO2-1200HC-5MG132C	132-csBGA	Halogen-Free
MachXO2	LCMXO2-1200HC	LCMXO2-1200HC-5MG132I	132-csBGA	Halogen-Free
MachXO2	LCMXO2-1200HC	LCMXO2-1200HC-6MG132C	132-csBGA	Halogen-Free
MachXO2	LCMXO2-1200HC	LCMXO2-1200HC-6MG132I	132-csBGA	Halogen-Free
MachXO2	LCMXO2-1200HC	LCMXO2-1200HC-4TG144C	144-TQFP	Halogen-Free
MachXO2	LCMXO2-1200HC	LCMXO2-1200HC-4TG144I	144-TQFP	Halogen-Free
MachXO2	LCMXO2-1200HC	LCMXO2-1200HC-5TG144C	144-TQFP	Halogen-Free
MachXO2	LCMXO2-1200HC	LCMXO2-1200HC-5TG144I	144-TQFP	Halogen-Free

Product Family	Device	Ordering Part Number	Package	SnPb / Pb-Free / Halogen-Free
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-3FG484C	484-fpBGA	Halogen-Free
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-3FG484I	484-fpBGA	Halogen-Free

PCN#03A-14: Affected Part Number List

Product Family	Device	Ordering Part Number	Package	SnPb / Pb-Free / Halogen-Free	Alternate Qualified Assembly Site	Alternate Qualified Material Sets
ispMACH 4000B	LC4032B	LC4032B-10TN48I	48-TQFP	Pb-Free		✓
ispMACH 4000B	LC4032B	LC4032B-25TN48C	48-TQFP	Pb-Free		✓
ispMACH 4000B	LC4032B	LC4032B-5TN44C	48-TQFP	Pb-Free		✓
ispMACH 4000B	LC4032B	LC4032B-5TN48C	48-TQFP	Pb-Free		✓
ispMACH 4000B	LC4032B	LC4032B-5TN48I	48-TQFP	Pb-Free		✓
ispMACH 4000B	LC4032B	LC4032B-75TN48C	48-TQFP	Pb-Free		✓
ispMACH 4000B	LC4032B	LC4032B-75TN48I	48-TQFP	Pb-Free		✓
ispMACH 4000B	LC4064B	LC4064B-10TN100I	100-TQFP	Pb-Free		✓
ispMACH 4000B	LC4064B	LC4064B-25TN100C	100-TQFP	Pb-Free		✓
ispMACH 4000B	LC4064B	LC4064B-5TN100C	100-TQFP	Pb-Free		✓
ispMACH 4000B	LC4064B	LC4064B-5TN100I	100-TQFP	Pb-Free		✓
ispMACH 4000B	LC4064B	LC4064B-75TN100C	100-TQFP	Pb-Free		✓
ispMACH 4000B	LC4064B	LC4064B-75TN100I	100-TQFP	Pb-Free		✓
ispMACH 4000B	LC4064B	LC4064B-10TN48I	48-TQFP	Pb-Free		✓
ispMACH 4000B	LC4064B	LC4064B-25TN48C	48-TQFP	Pb-Free		✓
ispMACH 4000B	LC4064B	LC4064B-5TN48C	48-TQFP	Pb-Free		✓
ispMACH 4000B	LC4064B	LC4064B-5TN48I	48-TQFP	Pb-Free		✓
ispMACH 4000B	LC4064B	LC4064B-75TN48C	48-TQFP	Pb-Free		✓
ispMACH 4000B	LC4064B	LC4064B-75TN48I	48-TQFP	Pb-Free		✓
ispMACH 4000B	LC4128B	LC4128B-10TN100I	100-TQFP	Pb-Free		✓
ispMACH 4000B	LC4128B	LC4128B-27TN100C	100-TQFP	Pb-Free		✓
ispMACH 4000B	LC4128B	LC4128B-5TN100C	100-TQFP	Pb-Free		✓
ispMACH 4000B	LC4128B	LC4128B-5TN100I	100-TQFP	Pb-Free		✓
ispMACH 4000B	LC4128B	LC4128B-75TN100C	100-TQFP	Pb-Free		✓
ispMACH 4000B	LC4128B	LC4128B-75TN100I	100-TQFP	Pb-Free		✓
ispMACH 4000B	LC4128B	LC4128B-10TN128I	128-TQFP	Pb-Free		✓
ispMACH 4000B	LC4128B	LC4128B-27TN128C	128-TQFP	Pb-Free		✓
ispMACH 4000B	LC4128B	LC4128B-5TN128C	128-TQFP	Pb-Free		✓
ispMACH 4000B	LC4128B	LC4128B-5TN128I	128-TQFP	Pb-Free		✓
ispMACH 4000B	LC4128B	LC4128B-75TN128C	128-TQFP	Pb-Free		✓
ispMACH 4000B	LC4128B	LC4128B-75TN128I	128-TQFP	Pb-Free		✓
ispMACH 4000C	LC4032C	LC4032C-10TN48I	48-TQFP	Pb-Free		✓
ispMACH 4000C	LC4032C	LC4032C-25TN48C	48-TQFP	Pb-Free		✓
ispMACH 4000C	LC4032C	LC4032C-5TN48C	48-TQFP	Pb-Free		✓
ispMACH 4000C	LC4032C	LC4032C-5TN48I	48-TQFP	Pb-Free		✓
ispMACH 4000C	LC4032C	LC4032C-75TN48C	48-TQFP	Pb-Free		✓
ispMACH 4000C	LC4032C	LC4032C-75TN48I	48-TQFP	Pb-Free		✓
ispMACH 4000C	LC4064C	LC4064C-10TN100I	100-TQFP	Pb-Free		✓
ispMACH 4000C	LC4064C	LC4064C-25TN100C	100-TQFP	Pb-Free		✓
ispMACH 4000C	LC4064C	LC4064C-5TN100C	100-TQFP	Pb-Free		✓
ispMACH 4000C	LC4064C	LC4064C-5TN100I	100-TQFP	Pb-Free		✓
ispMACH 4000C	LC4064C	LC4064C-75TN100C	100-TQFP	Pb-Free		✓
ispMACH 4000C	LC4064C	LC4064C-75TN100I	100-TQFP	Pb-Free		✓
ispMACH 4000C	LC4064C	LC4064C-10TN48I	48-TQFP	Pb-Free		✓
ispMACH 4000C	LC4064C	LC4064C-25TN48C	48-TQFP	Pb-Free		✓
ispMACH 4000C	LC4064C	LC4064C-5TN48C	48-TQFP	Pb-Free		✓
ispMACH 4000C	LC4064C	LC4064C-5TN48I	48-TQFP	Pb-Free		✓
ispMACH 4000C	LC4064C	LC4064C-75TN48C	48-TQFP	Pb-Free		✓
ispMACH 4000C	LC4064C	LC4064C-75TN48I	48-TQFP	Pb-Free		✓
ispMACH 4000C	LC4128C	LC4128C-10TN100I	100-TQFP	Pb-Free		✓
ispMACH 4000C	LC4128C	LC4128C-27TN100C	100-TQFP	Pb-Free		✓
ispMACH 4000C	LC4128C	LC4128C-5TN100C	100-TQFP	Pb-Free		✓
ispMACH 4000C	LC4128C	LC4128C-5TN100I	100-TQFP	Pb-Free		✓

ispMACH 4000ZE	LC4064ZE	LC4064ZE-7MN64C	64-csBGA	Pb-Free	✓	✓
ispMACH 4000ZE	LC4064ZE	LC4064ZE-7MN64I	64-csBGA	Pb-Free	✓	✓
ispMACH 4000ZE	LC4064ZE	LC4064ZE-4UMN64C	64-ucBGA	Pb-Free	✓	✓
ispMACH 4000ZE	LC4064ZE	LC4064ZE-5UMN64C	64-ucBGA	Pb-Free	✓	✓
ispMACH 4000ZE	LC4064ZE	LC4064ZE-5UMN64I	64-ucBGA	Pb-Free	✓	✓
ispMACH 4000ZE	LC4064ZE	LC4064ZE-7UMN64C	64-ucBGA	Pb-Free	✓	✓
ispMACH 4000ZE	LC4064ZE	LC4064ZE-7UMN64I	64-ucBGA	Pb-Free	✓	✓
ispMACH 4000ZE	LC4128ZE	LC4128ZE-5TN100C	100-TQFP	Pb-Free	✓	✓
ispMACH 4000ZE	LC4128ZE	LC4128ZE-7TN100C	100-TQFP	Pb-Free	✓	✓
ispMACH 4000ZE	LC4128ZE	LC4128ZE-7TN100I	100-TQFP	Pb-Free	✓	✓
ispMACH 4000ZE	LC4128ZE	LC4128ZE-5UMN132C	132-ucBGA	Pb-Free	✓	✓
ispMACH 4000ZE	LC4128ZE	LC4128ZE-7UMN132C	132-ucBGA	Pb-Free	✓	✓
ispMACH 4000ZE	LC4128ZE	LC4128ZE-7UMN132I	132-ucBGA	Pb-Free	✓	✓
ispMACH 4000ZE	LC4128ZE	LC4128ZE-5MN144C	144-csBGA	Pb-Free	✓	✓
ispMACH 4000ZE	LC4128ZE	LC4128ZE-7MN144C	144-csBGA	Pb-Free	✓	✓
ispMACH 4000ZE	LC4128ZE	LC4128ZE-7MN144I	144-csBGA	Pb-Free	✓	✓
ispMACH 4000ZE	LC4128ZE	LC4128ZE-5TN144C	144-TQFP	Pb-Free	✓	✓
ispMACH 4000ZE	LC4128ZE	LC4128ZE-7TN144C	144-TQFP	Pb-Free	✓	✓
ispMACH 4000ZE	LC4128ZE	LC4128ZE-7TN144I	144-TQFP	Pb-Free	✓	✓
ispMACH 4000ZE	LC4256ZE	LC4256ZE-5TN100C	100-TQFP	Pb-Free	✓	✓
ispMACH 4000ZE	LC4256ZE	LC4256ZE-7TN100C	100-TQFP	Pb-Free	✓	✓
ispMACH 4000ZE	LC4256ZE	LC4256ZE-7TN100I	100-TQFP	Pb-Free	✓	✓
ispMACH 4000ZE	LC4256ZE	LC4256ZE-5MN144C	144-csBGA	Pb-Free	✓	✓
ispMACH 4000ZE	LC4256ZE	LC4256ZE-7MN144C	144-csBGA	Pb-Free	✓	✓
ispMACH 4000ZE	LC4256ZE	LC4256ZE-7MN144I	144-csBGA	Pb-Free	✓	✓
ispMACH 4000ZE	LC4256ZE	LC4256ZE-5TN144C	144-TQFP	Pb-Free	✓	✓
ispMACH 4000ZE	LC4256ZE	LC4256ZE-7TN144C	144-TQFP	Pb-Free	✓	✓
ispMACH 4000ZE	LC4256ZE	LC4256ZE-7TN144I	144-TQFP	Pb-Free	✓	✓
LatticeECP2	LFE2-12E	LFE2-12E-5TN144C	144-TQFP	Pb-Free		✓
LatticeECP2	LFE2-12E	LFE2-12E-5TN144I	144-TQFP	Pb-Free		✓
LatticeECP2	LFE2-12E	LFE2-12E-6TN144C	144-TQFP	Pb-Free		✓
LatticeECP2	LFE2-12E	LFE2-12E-6TN144I	144-TQFP	Pb-Free		✓
LatticeECP2	LFE2-12E	LFE2-12E-7TN144C	144-TQFP	Pb-Free		✓
LatticeECP2	LFE2-12E	LFE2-12E-5FN256C	256-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12E	LFE2-12E-5FN256I	256-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12E	LFE2-12E-6FN256C	256-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12E	LFE2-12E-6FN256I	256-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12E	LFE2-12E-7FN256C	256-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12E	LFE2-12E-5FN484C	484-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12E	LFE2-12E-5FN484I	484-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12E	LFE2-12E-6FN484C	484-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12E	LFE2-12E-6FN484I	484-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12E	LFE2-12E-7FN484C	484-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12SE	LFE2-12SE-5TN144C	144-TQFP	Pb-Free		✓
LatticeECP2	LFE2-12SE	LFE2-12SE-5TN144I	144-TQFP	Pb-Free		✓
LatticeECP2	LFE2-12SE	LFE2-12SE-6TN144C	144-TQFP	Pb-Free		✓
LatticeECP2	LFE2-12SE	LFE2-12SE-6TN144I	144-TQFP	Pb-Free		✓
LatticeECP2	LFE2-12SE	LFE2-12SE-7TN144C	144-TQFP	Pb-Free		✓
LatticeECP2	LFE2-12SE	LFE2-12SE-5FN256C	256-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12SE	LFE2-12SE-5FN256I	256-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12SE	LFE2-12SE-6FN256C	256-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12SE	LFE2-12SE-6FN256I	256-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12SE	LFE2-12SE-7FN256C	256-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12SE	LFE2-12SE-5FN484C	484-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12SE	LFE2-12SE-5FN484I	484-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12SE	LFE2-12SE-6FN484C	484-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12SE	LFE2-12SE-6FN484I	484-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-12SE	LFE2-12SE-7FN484C	484-fpBGA	Pb-Free		✓
LatticeECP2	LFE2-20E	LFE2-20E-5FN256C	256-fpBGA	Pb-Free		✓

MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-3TG144C	144-TQFP	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-3TG144I	144-TQFP	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-1BG256C	256-caBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-1BG256I	256-caBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-2BG256C	256-caBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-2BG256I	256-caBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-3BG256C	256-caBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-3BG256I	256-caBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-1FTG256C	256-ftBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-1FTG256I	256-ftBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-2FTG256C	256-ftBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-2FTG256I	256-ftBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-3FTG256C	256-ftBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-3FTG256I	256-ftBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-1BG332C	332-caBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-1BG332I	332-caBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-2BG332C	332-caBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-2BG332I	332-caBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-3BG332C	332-caBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-3BG332I	332-caBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-1FG484C	484-fpBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-1FG484I	484-fpBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-2FG484C	484-fpBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-2FG484I	484-fpBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-3FG484C	484-fpBGA	Halogen-Free	✓	✓
MachXO2	LCMXO2-7000ZE	LCMXO2-7000ZE-3FG484I	484-fpBGA	Halogen-Free	✓	✓