

PACKAGING INFORMATION

Orderable part number	Status (1)	Material type (2)	Package Pins	Package qty Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
LMKDB1102REYR	Active	Production	VQFN (REY) 20	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	DB1102
LMKDB1102REYR.A	Active	Production	VQFN (REY) 20	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	DB1102
LMKDB1102REYT	Active	Production	VQFN (REY) 20	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	DB1102
LMKDB1102REYT.A	Active	Production	VQFN (REY) 20	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	DB1102
LMKDB1104FS85REXR	Active	Production	VQFN (REX) 28	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 1104FA
LMKDB1104Z100REXR	Active	Production	VQFN (REX) 28	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 114Z100
LMKDB1104Z100REXR.A	Active	Production	VQFN (REX) 28	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 114Z100
LMKDB1104Z100REXT	Active	Production	VQFN (REX) 28	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 114Z100
LMKDB1104Z100REXT.A	Active	Production	VQFN (REX) 28	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 114Z100
LMKDB1104Z85REXR	Active	Production	VQFN (REX) 28	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 1104Z85
LMKDB1104Z85REXR.A	Active	Production	VQFN (REX) 28	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 1104Z85
LMKDB1104Z85REXT	Active	Production	VQFN (REX) 28	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 1104Z85
LMKDB1104Z85REXT.A	Active	Production	VQFN (REX) 28	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 1104Z85
LMKDB1108FS85RKPR	Active	Production	VQFN (RKP) 40	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 1108FA
LMKDB1108Z100RKPR	Active	Production	VQFN (RKP) 40	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 108Z100
LMKDB1108Z100RKPR.A	Active	Production	VQFN (RKP) 40	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 108Z100
LMKDB1108Z100RKPT	Active	Production	VQFN (RKP) 40	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 108Z100
LMKDB1108Z100RKPT.A	Active	Production	VQFN (RKP) 40	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 108Z100

Orderable part number	Status (1)	Material type (2)	Package Pins	Package qty Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
LMKDB1108Z85RKPR	Active	Production	VQFN (RKP) 40	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 1108Z85
LMKDB1108Z85RKPR.A	Active	Production	VQFN (RKP) 40	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 1108Z85
LMKDB1108Z85RKPT	Active	Production	VQFN (RKP) 40	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 1108Z85
LMKDB1108Z85RKPT.A	Active	Production	VQFN (RKP) 40	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 105	LMKDB 1108Z85
LMKDB1120FS85NPPR	Active	Production	TLGA (NPP) 80	4000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 105	LMKDB 1120FA
LMKDB1120Z100NPPR	Active	Production	TLGA (NPP) 80	2500 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 105	LMKDB 1120Z100
LMKDB1120Z100NPPR.A	Active	Production	TLGA (NPP) 80	2500 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 105	LMKDB 1120Z100
LMKDB1120Z100NPPR.B	Active	Production	TLGA (NPP) 80	2500 LARGE T&R	-	Call TI	Call TI	-40 to 105	
LMKDB1120Z100NPPT	Active	Production	TLGA (NPP) 80	250 SMALL T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 105	LMKDB 1120Z100
LMKDB1120Z100NPPT.A	Active	Production	TLGA (NPP) 80	250 SMALL T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 105	LMKDB 1120Z100
LMKDB1120Z100NPPT.B	Active	Production	TLGA (NPP) 80	250 SMALL T&R	-	Call TI	Call TI	-40 to 105	
LMKDB1120Z85NPPR	Active	Production	TLGA (NPP) 80	2500 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 105	LMKDB 1120Z85
LMKDB1120Z85NPPR.A	Active	Production	TLGA (NPP) 80	2500 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 105	LMKDB 1120Z85
LMKDB1120Z85NPPT	Active	Production	TLGA (NPP) 80	250 SMALL T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 105	LMKDB 1120Z85
LMKDB1120Z85NPPT.A	Active	Production	TLGA (NPP) 80	250 SMALL T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 105	LMKDB 1120Z85

⁽¹⁾ **Status:** For more details on status, see our [product life cycle](#).

⁽²⁾ **Material type:** When designated, preproduction parts are prototypes/experimental devices, and are not yet approved or released for full production. Testing and final process, including without limitation quality assurance, reliability performance testing, and/or process qualification, may not yet be complete, and this item is subject to further changes or possible discontinuation. If available for ordering, purchases will be subject to an additional waiver at checkout, and are intended for early internal evaluation purposes only. These items are sold without warranties of any kind.

⁽³⁾ **RoHS values:** Yes, No, RoHS Exempt. See the [TI RoHS Statement](#) for additional information and value definition.

⁽⁴⁾ **Lead finish/Ball material:** Parts may have multiple material finish options. Finish options are separated by a vertical ruled line. Lead finish/Ball material values may wrap to two lines if the finish value exceeds the maximum column width.

⁽⁵⁾ **MSL rating/Peak reflow:** The moisture sensitivity level ratings and peak solder (reflow) temperatures. In the event that a part has multiple moisture sensitivity ratings, only the lowest level per JEDEC standards is shown. Refer to the shipping label for the actual reflow temperature that will be used to mount the part to the printed circuit board.

⁽⁶⁾ **Part marking:** There may be an additional marking, which relates to the logo, the lot trace code information, or the environmental category of the part.

Multiple part markings will be inside parentheses. Only one part marking contained in parentheses and separated by a "~" will appear on a part. If a line is indented then it is a continuation of the previous line and the two combined represent the entire part marking for that device.

Important Information and Disclaimer: The information provided on this page represents TI's knowledge and belief as of the date that it is provided. TI bases its knowledge and belief on information provided by third parties, and makes no representation or warranty as to the accuracy of such information. Efforts are underway to better integrate information from third parties. TI has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and chemicals. TI and TI suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.

In no event shall TI's liability arising out of such information exceed the total purchase price of the TI part(s) at issue in this document sold by TI to Customer on an annual basis.