

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)
LMV821M5/NOPB	Active	Production	SOT-23 (DBV) 5	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 85	A14
LMV821M5/NOPB.A	Active	Production	SOT-23 (DBV) 5	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 85	A14
LMV821M5X/NOPB	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 85	A14
LMV821M5X/NOPB.A	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 85	A14
LMV821M7/NOPB	Active	Production	SC70 (DCK) 5	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 85	A15
LMV821M7/NOPB.A	Active	Production	SC70 (DCK) 5	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 85	A15
LMV821M7X/NOPB	Active	Production	SC70 (DCK) 5	3000 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 85	A15
LMV821M7X/NOPB.A	Active	Production	SC70 (DCK) 5	3000 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 85	A15
LMV821M7X/NOPB.B	Active	Production	SC70 (DCK) 5	3000 LARGE T&R	-	Call TI	Call TI	-40 to 85	
LMV822M/NOPB	Active	Production	SOIC (D) 8	95 TUBE	Yes	SN	Level-1-260C-UNLIM	-40 to 85	LMV 822M
LMV822M/NOPB.A	Active	Production	SOIC (D) 8	95 TUBE	Yes	SN	Level-1-260C-UNLIM	-40 to 85	LMV 822M
LMV822MM/NOPB	Active	Production	VSSOP (DGK) 8	1000 SMALL T&R	Yes	NIPDAUAG SN	Level-1-260C-UNLIM	-40 to 85	V822
LMV822MM/NOPB.A	Active	Production	VSSOP (DGK) 8	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 85	V822
LMV822MMX/NOPB	Active	Production	VSSOP (DGK) 8	3500 LARGE T&R	Yes	NIPDAUAG SN	Level-1-260C-UNLIM	-40 to 85	V822
LMV822MMX/NOPB.A	Active	Production	VSSOP (DGK) 8	3500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 85	V822
LMV822MX/NOPB	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 85	LMV 822M
LMV822MX/NOPB.A	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 85	LMV 822M
LMV822MX/NOPB.B	Active	Production	SOIC (D) 8	2500 LARGE T&R	-	Call TI	Call TI	-40 to 85	
LMV822Q1MM/NOPB	Active	Production	VSSOP (DGK) 8	1000 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	AKAA
LMV822Q1MM/NOPB.A	Active	Production	VSSOP (DGK) 8	1000 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	AKAA
LMV822Q1MMX/NOPB	Active	Production	VSSOP (DGK) 8	3500 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	AKAA
LMV822Q1MMX/NOPB.A	Active	Production	VSSOP (DGK) 8	3500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	AKAA
LMV824M/NOPB	Active	Production	SOIC (D) 14	55 TUBE	Yes	SN	Level-1-260C-UNLIM	-40 to 85	LMV824M
LMV824M/NOPB.A	Active	Production	SOIC (D) 14	55 TUBE	Yes	SN	Level-1-260C-UNLIM	-40 to 85	LMV824M
LMV824MT/NOPB	Active	Production	TSSOP (PW) 14	94 TUBE	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	LMV824 MT

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)
LMV824MT/NOPB.A	Active	Production	TSSOP (PW) 14	94 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	LMV824 MT
LMV824MTX/NOPB	Active	Production	TSSOP (PW) 14	2500 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	LMV824 MT
LMV824MTX/NOPB.A	Active	Production	TSSOP (PW) 14	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	LMV824 MT
LMV824MTX/NOPB.B	Active	Production	TSSOP (PW) 14	2500 LARGE T&R	-	Call TI	Call TI	-40 to 125	
LMV824MX/NOPB	Active	Production	SOIC (D) 14	2500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 85	LMV824M
LMV824MX/NOPB.A	Active	Production	SOIC (D) 14	2500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 85	LMV824M
LMV824NDGVR	Active	Production	TVSOP (DGV) 14	2000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	MV824N
LMV824NDGVR.A	Active	Production	TVSOP (DGV) 14	2000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	MV824N
LMV824Q1MA/NOPB	Active	Production	SOIC (D) 14	55 TUBE	Yes	SN	Level-1-260C-UNLIM	-40 to 125	LMV824Q1 MA
LMV824Q1MA/NOPB.A	Active	Production	SOIC (D) 14	55 TUBE	Yes	SN	Level-1-260C-UNLIM	-40 to 125	LMV824Q1 MA
LMV824Q1MAX/NOPB	Active	Production	SOIC (D) 14	2500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	LMV824Q1 MA
LMV824Q1MAX/NOPB.A	Active	Production	SOIC (D) 14	2500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	LMV824Q1 MA
LMV824Q1MT/NOPB	Active	Production	TSSOP (PW) 14	94 TUBE	Yes	SN	Level-1-260C-UNLIM	-40 to 125	LMV824 Q1MT
LMV824Q1MT/NOPB.A	Active	Production	TSSOP (PW) 14	94 TUBE	Yes	SN	Level-1-260C-UNLIM	-40 to 125	LMV824 Q1MT
LMV824Q1MTX/NOPB	Active	Production	TSSOP (PW) 14	2500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	LMV824 Q1MT
LMV824Q1MTX/NOPB.A	Active	Production	TSSOP (PW) 14	2500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	LMV824 Q1MT

⁽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.

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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.

OTHER QUALIFIED VERSIONS OF LMV822-N, LMV822-N-Q1, LMV824-N, LMV824-N-Q1 :

- Catalog : [LMV822-N](#), [LMV824-N](#)
- Automotive : [LMV822-N-Q1](#), [LMV824-N-Q1](#)

NOTE: Qualified Version Definitions:

- Catalog - TI's standard catalog product
- Automotive - Q100 devices qualified for high-reliability automotive applications targeting zero defects