

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)
LP2950ACZ-3.0/NOPB	Active	Production	TO-92 (LP) 3	1800 BULK	Yes	Call TI	N/A for Pkg Type	-40 to 125	2950A CZ3.0
LP2950ACZ-3.0/NOPB.B	Active	Production	TO-92 (LP) 3	1800 BULK	Yes	Call TI	N/A for Pkg Type	-40 to 125	2950A CZ3.0
LP2950ACZ-3.3/NOPB	Active	Production	TO-92 (LP) 3	1800 BULK	Yes	Call TI	N/A for Pkg Type	-40 to 125	2950A CZ3.3
LP2950ACZ-3.3/NOPB.B	Active	Production	TO-92 (LP) 3	1800 BULK	Yes	Call TI	N/A for Pkg Type	-40 to 125	2950A CZ3.3
LP2950ACZ-5.0/LFT1	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	SN	N/A for Pkg Type	-	2950A CZ5.0
LP2950ACZ-5.0/LFT1.B	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	SN	N/A for Pkg Type	-40 to 125	2950A CZ5.0
LP2950ACZ-5.0/LFT3	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	SN	N/A for Pkg Type	-	2950A CZ5.0
LP2950ACZ-5.0/LFT3.B	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	SN	N/A for Pkg Type	-40 to 125	2950A CZ5.0
LP2950ACZ-5.0/LFT7	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	Call TI	N/A for Pkg Type	-	2950A CZ5.0
LP2950ACZ-5.0/LFT7.B	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	Call TI	N/A for Pkg Type	-40 to 125	2950A CZ5.0
LP2950ACZ-5.0/NOPB	Active	Production	TO-92 (LP) 3	1800 BULK	Yes	Call TI	N/A for Pkg Type	-40 to 125	2950A CZ5.0
LP2950ACZ-5.0/NOPB.B	Active	Production	TO-92 (LP) 3	1800 BULK	Yes	Call TI	N/A for Pkg Type	-40 to 125	2950A CZ5.0
LP2950CDT-3.0/NOPB	Active	Production	TO-252 (NDP) 3	75 TUBE	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	LP2950 CDT-3.0
LP2950CDT-3.0/NOPB.B	Active	Production	TO-252 (NDP) 3	75 TUBE	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	LP2950 CDT-3.0
LP2950CDT-3.3/NOPB	Active	Production	TO-252 (NDP) 3	75 TUBE	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	LP2950 CDT-3.3
LP2950CDT-3.3/NOPB.B	Active	Production	TO-252 (NDP) 3	75 TUBE	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	LP2950 CDT-3.3

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LP2950CDT-5.0/NOPB	Active	Production	TO-252 (NDP) 3	75 TUBE	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	LP2950 CDT-5.0
LP2950CDT-5.0/NOPB.B	Active	Production	TO-252 (NDP) 3	75 TUBE	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	LP2950 CDT-5.0
LP2950CDTX-3.0/NOPB	Active	Production	TO-252 (NDP) 3	2500 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	LP2950 CDT-3.0
LP2950CDTX-3.3/NOPB	Active	Production	TO-252 (NDP) 3	2500 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	LP2950 CDT-3.3
LP2950CDTX-5.0/NOPB	Active	Production	TO-252 (NDP) 3	2500 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	LP2950 CDT-5.0
LP2950CZ-3.0/NOPB	Active	Production	TO-92 (LP) 3	1800 BULK	Yes	Call TI	N/A for Pkg Type	-40 to 125	2950 CZ3.0
LP2950CZ-3.0/NOPB.B	Active	Production	TO-92 (LP) 3	1800 BULK	Yes	Call TI	N/A for Pkg Type	-40 to 125	2950 CZ3.0
LP2950CZ-3.3/LFT3	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	SN	N/A for Pkg Type	-	2950 CZ3.3
LP2950CZ-3.3/LFT3.B	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	SN	N/A for Pkg Type	-40 to 125	2950 CZ3.3
LP2950CZ-3.3/NOPB	Active	Production	TO-92 (LP) 3	1800 BULK	Yes	Call TI	N/A for Pkg Type	-40 to 125	2950 CZ3.3
LP2950CZ-3.3/NOPB.B	Active	Production	TO-92 (LP) 3	1800 BULK	Yes	Call TI	N/A for Pkg Type	-40 to 125	2950 CZ3.3
LP2950CZ-5.0/LFT1	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	SN	N/A for Pkg Type	-	2950 CZ5.0
LP2950CZ-5.0/LFT1.B	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	SN	N/A for Pkg Type	-40 to 125	2950 CZ5.0
LP2950CZ-5.0/LFT3	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	SN	N/A for Pkg Type	-	2950 CZ5.0
LP2950CZ-5.0/LFT3.B	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	SN	N/A for Pkg Type	-40 to 125	2950 CZ5.0
LP2950CZ-5.0/LFT7	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	Call TI	N/A for Pkg Type	-	2950 CZ5.0
LP2950CZ-5.0/LFT7.B	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	Call TI	N/A for Pkg Type	-40 to 125	2950 CZ5.0

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LP2950CZ-5.0/NOPB	Active	Production	TO-92 (LP) 3	1800 BULK	Yes	Call TI	N/A for Pkg Type	-40 to 125	2950 CZ5.0
LP2950CZ-5.0/NOPB.B	Active	Production	TO-92 (LP) 3	1800 BULK	Yes	Call TI	N/A for Pkg Type	-40 to 125	2950 CZ5.0
LP2951ACM-3.0/NOPB	Active	Production	SOIC (D) 8	95 TUBE	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	2951A CM30C
LP2951ACM-3.0/NOPB.B	Active	Production	SOIC (D) 8	95 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	2951A CM30C
LP2951ACM-3.3/NOPB	Active	Production	SOIC (D) 8	95 TUBE	Yes	Call TI Sn	Level-1-260C-UNLIM	-40 to 125	2951A (CM33>D, CM33C)
LP2951ACM-3.3/NOPB.B	Active	Production	SOIC (D) 8	95 TUBE	Yes	Call TI	Level-1-260C-UNLIM	-40 to 125	2951A (CM33>D, CM33C)
LP2951ACM/NOPB	Active	Production	SOIC (D) 8	95 TUBE	Yes	Call TI Sn	Level-1-260C-UNLIM	-40 to 125	2951 ACM>D
LP2951ACM/NOPB.B	Active	Production	SOIC (D) 8	95 TUBE	Yes	Call TI	Level-1-260C-UNLIM	-40 to 125	2951 ACM>D
LP2951ACMM-3.0/NOPB	Active	Production	VSSOP (DGK) 8	1000 SMALL T&R	Yes	Call TI Sn	Level-1-260C-UNLIM	-40 to 125	L0BA
LP2951ACMM-3.3/NOPB	Active	Production	VSSOP (DGK) 8	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	L0CA
LP2951ACMM/NOPB	Active	Production	VSSOP (DGK) 8	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	L0DA
LP2951ACMM/NOPB.B	Active	Production	VSSOP (DGK) 8	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	L0DA
LP2951ACMMX-3.0/NOPB	Active	Production	VSSOP (DGK) 8	3500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	L0BA
LP2951ACMMX-3.3/NOPB	Active	Production	VSSOP (DGK) 8	3500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	L0CA
LP2951ACMMX/NOPB	Active	Production	VSSOP (DGK) 8	3500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	L0DA
LP2951ACMMX/NOPB.B	Active	Production	VSSOP (DGK) 8	3500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	L0DA
LP2951ACMX-3.0/NOPB	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	Call TI Sn	Level-1-260C-UNLIM	-40 to 125	2951A CM30C
LP2951ACMX-3.3/NOPB	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	Call TI Sn	Level-1-260C-UNLIM	-40 to 125	2951A (CM33>D, CM33C)
LP2951ACMX/NOPB	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	Call TI Sn	Level-1-260C-UNLIM	-40 to 125	2951 (ACM>D, ACMC)
LP2951ACMX/NOPB.B	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	Call TI	Level-1-260C-UNLIM	-40 to 125	2951 (ACM>D, ACMC)
LP2951ACN/NOPB	Active	Production	PDIP (P) 8	40 TUBE	Yes	NIPDAU	Level-1-NA-UNLIM	-40 to 125	LP 2951ACN

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)
LP2951ACN/NOPB.B	Active	Production	PDIP (P) 8	40 TUBE	Yes	NIPDAU	Level-1-NA-UNLIM	-40 to 125	LP 2951ACN
LP2951ACSD/NOPB	Active	Production	WSON (NGT) 8	1000 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	2951AC
LP2951ACSD/NOPB.B	Active	Production	WSON (NGT) 8	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	2951AC
LP2951ACSDX-3.3/NOPB	Active	Production	WSON (NGT) 8	4500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	51AC33
LP2951ACSDX/NOPB	Active	Production	WSON (NGT) 8	4500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	2951AC
LP2951ACSDX/NOPB.B	Active	Production	WSON (NGT) 8	4500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	2951AC
LP2951CM-3.0/NOPB	Active	Production	SOIC (D) 8	95 TUBE	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	2951C M30C
LP2951CM-3.0/NOPB.B	Active	Production	SOIC (D) 8	95 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	2951C M30C
LP2951CM-3.3/NOPB	Active	Production	SOIC (D) 8	95 TUBE	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	2951C M33>D
LP2951CM-3.3/NOPB.B	Active	Production	SOIC (D) 8	95 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	2951C M33>D
LP2951CM/NOPB	Active	Production	SOIC (D) 8	95 TUBE	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	2951 (CM>D, CMC)
LP2951CM/NOPB.B	Active	Production	SOIC (D) 8	95 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	2951 (CM>D, CMC)
LP2951CMM-3.0/NOPB	Active	Production	VSSOP (DGK) 8	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	L0BB
LP2951CMM-3.0/NOPB.B	Active	Production	VSSOP (DGK) 8	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	L0BB
LP2951CMM-3.3/NOPB	Active	Production	VSSOP (DGK) 8	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	L0CB
LP2951CMM-3.3/NOPB.B	Active	Production	VSSOP (DGK) 8	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	L0CB
LP2951CMM/NOPB	Active	Production	VSSOP (DGK) 8	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	L0DB
LP2951CMM/NOPB.B	Active	Production	VSSOP (DGK) 8	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	L0DB
LP2951CMMX-3.0/NOPB	Active	Production	VSSOP (DGK) 8	3500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	L0BB
LP2951CMMX-3.3/NOPB	Active	Production	VSSOP (DGK) 8	3500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	L0CB
LP2951CMMX/NOPB	Active	Production	VSSOP (DGK) 8	3500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	L0DB
LP2951CMMX/NOPB.B	Active	Production	VSSOP (DGK) 8	3500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	L0DB
LP2951CMX-3.0/NOPB	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	2951C M30C
LP2951CMX-3.0/NOPB.B	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	2951C M30C

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LP2951CMX-3.3/NOPB	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	2951C (M33>D, M33C)
LP2951CMX-3.3/NOPB.B	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	2951C (M33>D, M33C)
LP2951CMX/NOPB	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	2951 (CM, CM>D)
LP2951CMX/NOPB.B	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	2951 (CM, CM>D)
LP2951CN/NOPB	Active	Production	PDIP (P) 8	40 TUBE	Yes	NIPDAU	Level-1-NA-UNLIM	-40 to 125	LP 2951CN
LP2951CN/NOPB.B	Active	Production	PDIP (P) 8	40 TUBE	Yes	NIPDAU	Level-1-NA-UNLIM	-40 to 125	LP 2951CN
LP2951CSD-3.0/NOPB	Active	Production	WSO (NGT) 8	1000 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	51AC30B
LP2951CSD-3.0/NOPB.B	Active	Production	WSO (NGT) 8	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	51AC30B
LP2951CSD-3.3/NOPB	Active	Production	WSO (NGT) 8	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	51AC33B
LP2951CSD-3.3/NOPB.B	Active	Production	WSO (NGT) 8	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	51AC33B
LP2951CSD/NOPB	Active	Production	WSO (NGT) 8	1000 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	2951ACB
LP2951CSD/NOPB.B	Active	Production	WSO (NGT) 8	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	2951ACB
LP2951CSDX-3.3/NOPB	Active	Production	WSO (NGT) 8	4500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	51AC33B
LP2951CSDX/NOPB	Active	Production	WSO (NGT) 8	4500 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	2951ACB
LP2951CSDX/NOPB.B	Active	Production	WSO (NGT) 8	4500 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	2951ACB

⁽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.

OTHER QUALIFIED VERSIONS OF LP2951-N :

- Automotive : [LP2951-Q1](#)

NOTE: Qualified Version Definitions:

- Automotive - Q100 devices qualified for high-reliability automotive applications targeting zero defects