

**PACKAGING INFORMATION**

Orderable Device	Status (1)	Package Type	Package Drawing	Pins	Package Qty	Eco Plan (2)	Lead finish/ Ball material (6)	MSL Peak Temp (3)	Op Temp (°C)	Device Marking (4/5)	Samples
TLV271CD	ACTIVE	SOIC	D	8	75	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	0 to 70	T271C	<a href="#">Samples</a>
TLV271CDBVR	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAU   SN	Level-1-260C-UNLIM	0 to 70	VBHC	<a href="#">Samples</a>
TLV271CDBVRG4	LIFEBUY	SOT-23	DBV	5	3000	RoHS & Green	SN	Level-1-260C-UNLIM	0 to 70	VBHC	
TLV271CDBVT	ACTIVE	SOT-23	DBV	5	250	RoHS & Green	NIPDAU   SN	Level-1-260C-UNLIM	0 to 70	VBHC	<a href="#">Samples</a>
TLV271CDBVTG4	ACTIVE	SOT-23	DBV	5	250	TBD	Call TI	Call TI	0 to 70		<a href="#">Samples</a>
TLV271CDR	ACTIVE	SOIC	D	8	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	0 to 70	T271C	<a href="#">Samples</a>
TLV271ID	ACTIVE	SOIC	D	8	75	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	T271I	<a href="#">Samples</a>
TLV271IDBVR	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	VBHI	<a href="#">Samples</a>
TLV271IDBVRG4	ACTIVE	SOT-23	DBV	5	3000	TBD	Call TI	Call TI	-40 to 125		<a href="#">Samples</a>
TLV271IDBVT	ACTIVE	SOT-23	DBV	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	VBHI	<a href="#">Samples</a>
TLV271IDBVTG4	ACTIVE	SOT-23	DBV	5	250	TBD	Call TI	Call TI	-40 to 125		<a href="#">Samples</a>
TLV271IDR	ACTIVE	SOIC	D	8	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	T271I	<a href="#">Samples</a>
TLV271IP	ACTIVE	PDIP	P	8	50	RoHS & Green	NIPDAU	N / A for Pkg Type	-40 to 125	T271I	<a href="#">Samples</a>
TLV272CD	ACTIVE	SOIC	D	8	75	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	0 to 70	T272C	<a href="#">Samples</a>
TLV272CDG4	ACTIVE	SOIC	D	8	75	TBD	Call TI	Call TI	0 to 70		<a href="#">Samples</a>
TLV272CDGK	ACTIVE	VSSOP	DGK	8	80	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	0 to 70	AVF	<a href="#">Samples</a>
TLV272CDGKR	ACTIVE	VSSOP	DGK	8	2500	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	0 to 70	AVF	<a href="#">Samples</a>
TLV272CDR	ACTIVE	SOIC	D	8	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	0 to 70	T272C	<a href="#">Samples</a>
TLV272CDRG4	ACTIVE	SOIC	D	8	2500	TBD	Call TI	Call TI	0 to 70		<a href="#">Samples</a>
TLV272ID	ACTIVE	SOIC	D	8	75	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	T272I	<a href="#">Samples</a>

Orderable Device	Status (1)	Package Type	Package Drawing	Pins	Package Qty	Eco Plan (2)	Lead finish/ Ball material (6)	MSL Peak Temp (3)	Op Temp (°C)	Device Marking (4/5)	Samples
TLV272IDG4	ACTIVE	SOIC	D	8	75	TBD	Call TI	Call TI	-40 to 125		<a href="#">Samples</a>
TLV272IDGK	ACTIVE	VSSOP	DGK	8	80	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	AVG	<a href="#">Samples</a>
TLV272IDGKG4	ACTIVE	VSSOP	DGK	8	80	TBD	Call TI	Call TI	-40 to 125		<a href="#">Samples</a>
TLV272IDGKR	ACTIVE	VSSOP	DGK	8	2500	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	AVG	<a href="#">Samples</a>
TLV272IDR	ACTIVE	SOIC	D	8	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	T272I	<a href="#">Samples</a>
TLV272IDRG4	LIFEBUY	SOIC	D	8	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	T272I	
TLV272IP	ACTIVE	PDIP	P	8	50	RoHS & Green	NIPDAU	N / A for Pkg Type	-40 to 125	T272I	<a href="#">Samples</a>
TLV274CD	ACTIVE	SOIC	D	14	50	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	0 to 70	TLV274C	<a href="#">Samples</a>
TLV274CDG4	ACTIVE	SOIC	D	14	50	TBD	Call TI	Call TI	0 to 70		<a href="#">Samples</a>
TLV274CDR	ACTIVE	SOIC	D	14	2500	RoHS & Green	Call TI   NIPDAU	Level-1-260C-UNLIM	0 to 70	TLV274C	<a href="#">Samples</a>
TLV274CPW	ACTIVE	TSSOP	PW	14	90	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	0 to 70	TLV274C	<a href="#">Samples</a>
TLV274CPWR	ACTIVE	TSSOP	PW	14	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	0 to 70	TLV274C	<a href="#">Samples</a>
TLV274CPWRG4	ACTIVE	TSSOP	PW	14	2000	TBD	Call TI	Call TI	0 to 70		<a href="#">Samples</a>
TLV274ID	ACTIVE	SOIC	D	14	50	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	TLV274I	<a href="#">Samples</a>
TLV274IDG4	ACTIVE	SOIC	D	14	50	TBD	Call TI	Call TI	-40 to 125		<a href="#">Samples</a>
TLV274IDR	ACTIVE	SOIC	D	14	2500	RoHS & Green	Call TI   NIPDAU	Level-1-260C-UNLIM	-40 to 125	TLV274I	<a href="#">Samples</a>
TLV274IDRG4	ACTIVE	SOIC	D	14	2500	TBD	Call TI	Call TI	-40 to 125		<a href="#">Samples</a>
TLV274IN	ACTIVE	PDIP	N	14	25	RoHS & Green	NIPDAU	N / A for Pkg Type	-40 to 125	TLV274I	<a href="#">Samples</a>
TLV274IPW	ACTIVE	TSSOP	PW	14	90	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	TLV274I	<a href="#">Samples</a>
TLV274IPWG4	ACTIVE	TSSOP	PW	14	90	TBD	Call TI	Call TI	-40 to 125		<a href="#">Samples</a>
TLV274IPWR	ACTIVE	TSSOP	PW	14	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	TLV274I	<a href="#">Samples</a>
TLV274IPWRG4	LIFEBUY	TSSOP	PW	14	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	TLV274I	

(1) The marketing status values are defined as follows:

**ACTIVE:** Product device recommended for new designs.

**LIFEBUY:** TI has announced that the device will be discontinued, and a lifetime-buy period is in effect.

**NRND:** Not recommended for new designs. Device is in production to support existing customers, but TI does not recommend using this part in a new design.

**PREVIEW:** Device has been announced but is not in production. Samples may or may not be available.

**OBSOLETE:** TI has discontinued the production of the device.

(2) **RoHS:** TI defines "RoHS" to mean semiconductor products that are compliant with the current EU RoHS requirements for all 10 RoHS substances, including the requirement that RoHS substance do not exceed 0.1% by weight in homogeneous materials. Where designed to be soldered at high temperatures, "RoHS" products are suitable for use in specified lead-free processes. TI may reference these types of products as "Pb-Free".

**RoHS Exempt:** TI defines "RoHS Exempt" to mean products that contain lead but are compliant with EU RoHS pursuant to a specific EU RoHS exemption.

**Green:** TI defines "Green" to mean the content of Chlorine (Cl) and Bromine (Br) based flame retardants meet JS709B low halogen requirements of  $\leq 1000$ ppm threshold. Antimony trioxide based flame retardants must also meet the  $\leq 1000$ ppm threshold requirement.

(3) MSL, Peak Temp. - The Moisture Sensitivity Level rating according to the JEDEC industry standard classifications, and peak solder temperature.

(4) There may be additional marking, which relates to the logo, the lot trace code information, or the environmental category on the device.

(5) Multiple Device Markings will be inside parentheses. Only one Device Marking contained in parentheses and separated by a "~" will appear on a device. If a line is indented then it is a continuation of the previous line and the two combined represent the entire Device Marking for that device.

(6) Lead finish/Ball material - Orderable Devices 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.

**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.

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#### **OTHER QUALIFIED VERSIONS OF TLV271, TLV272, TLV274 :**

- Automotive : [TLV271-Q1](#), [TLV272-Q1](#), [TLV274-Q1](#)

NOTE: Qualified Version Definitions:

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