

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
TLV702125QDBVRQ1	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	1M57	Samples
TLV70212QDBVRQ1	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	1B5H	Samples
TLV70212QDSERQ1	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	H9	Samples
TLV70213QDSERQ1	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	H8	Samples
TLV70215QDBVRQ1	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	1B6H	Samples
TLV70215QDSERQ1	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	HB	Samples
TLV70218QDBVRQ1	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	1B7H	Samples
TLV70218QDSERQ1	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	HC	Samples
TLV70225QDSERQ1	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	G7	Samples
TLV70227QDBVRQ1	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	1B8H	Samples
TLV70227QDSERQ1	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	H7	Samples
TLV70228QDBVRQ1	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	1B9H	Samples
TLV70228QDDCRQ1	ACTIVE	SOT-23-THIN	DDC	5	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SJV	Samples
TLV70228QDSERQ1	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	HD	Samples
TLV70229QDBVRQ1	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	1BAH	Samples
TLV70229QDSERQ1	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	H1	Samples
TLV70230QDBVRQ1	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	1MQ7	Samples
TLV70230QDSERQ1	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	HE	Samples
TLV70231QDSERQ1	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	HF	Samples
TLV70232QDSERQ1	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	HG	Samples

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
TLV70233QDBVRQ1	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	1BBH	Samples
TLV70233QDSERQ1	ACTIVE	WSO	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	H2	Samples
TLV70236QDSERQ1	ACTIVE	WSO	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	H3	Samples
TLV70245QDSERQ1	ACTIVE	WSO	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	HH	Samples

(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 <=1000ppm threshold. Antimony trioxide based flame retardants must also meet the <=1000ppm 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.

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.