

**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
TLV70012DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODT	<a href="#">Samples</a>
TLV70012DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODT	<a href="#">Samples</a>
TLV70012DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ODO	<a href="#">Samples</a>
TLV70012DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ODO	<a href="#">Samples</a>
TLV70012DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	NH	<a href="#">Samples</a>
TLV70012DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	NH	<a href="#">Samples</a>
TLV70013DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SAH	<a href="#">Samples</a>
TLV70013DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SAH	<a href="#">Samples</a>
TLV70015DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODU	<a href="#">Samples</a>
TLV70015DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODU	<a href="#">Samples</a>
TLV70015DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ODP	<a href="#">Samples</a>
TLV70015DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ODP	<a href="#">Samples</a>
TLV70015DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	NJ	<a href="#">Samples</a>
TLV70015DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	NJ	<a href="#">Samples</a>
TLV70018DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODV	<a href="#">Samples</a>
TLV70018DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODV	<a href="#">Samples</a>
TLV70018DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	RoHS & Green	NIPDAU   SN	Level-2-260C-1 YEAR	-40 to 125	ODK	<a href="#">Samples</a>
TLV70018DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	RoHS & Green	NIPDAU   SN	Level-2-260C-1 YEAR	-40 to 125	ODK	<a href="#">Samples</a>
TLV70018DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	NK	<a href="#">Samples</a>
TLV70018DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	NK	<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
TLV70019DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SCJ	<a href="#">Samples</a>
TLV70019DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SCJ	<a href="#">Samples</a>
TLV70022DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SCI	<a href="#">Samples</a>
TLV70022DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SCI	<a href="#">Samples</a>
TLV70025DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	QTP	<a href="#">Samples</a>
TLV70025DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	QTP	<a href="#">Samples</a>
TLV70025DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	RoHS & Green	NIPDAU   SN	Level-2-260C-1 YEAR	-40 to 125	DAU	<a href="#">Samples</a>
TLV70025DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	RoHS & Green	NIPDAU   SN	Level-2-260C-1 YEAR	-40 to 125	DAU	<a href="#">Samples</a>
TLV70025DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QY	<a href="#">Samples</a>
TLV70025DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QY	<a href="#">Samples</a>
TLV70028DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODW	<a href="#">Samples</a>
TLV70028DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODW	<a href="#">Samples</a>
TLV70028DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	RoHS & Green	NIPDAU   SN	Level-2-260C-1 YEAR	-40 to 125	ODL	<a href="#">Samples</a>
TLV70028DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	RoHS & Green	NIPDAU   SN	Level-2-260C-1 YEAR	-40 to 125	ODL	<a href="#">Samples</a>
TLV70028DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	NL	<a href="#">Samples</a>
TLV70028DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	NL	<a href="#">Samples</a>
TLV70029DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QJ	<a href="#">Samples</a>
TLV70029DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QJ	<a href="#">Samples</a>
TLV70030DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODR	<a href="#">Samples</a>
TLV70030DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODR	<a href="#">Samples</a>
TLV70030DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	RoHS & Green	NIPDAU   SN	Level-2-260C-1 YEAR	-40 to 125	ODM	<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
TLV70030DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	RoHS & Green	NIPDAU   SN	Level-2-260C-1 YEAR	-40 to 125	ODM	<a href="#">Samples</a>
TLV70030DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	NP	<a href="#">Samples</a>
TLV70030DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	NP	<a href="#">Samples</a>
TLV70031DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	C4	<a href="#">Samples</a>
TLV70031DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	C4	<a href="#">Samples</a>
TLV70032DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SCH	<a href="#">Samples</a>
TLV70032DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SCH	<a href="#">Samples</a>
TLV70033DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODS	<a href="#">Samples</a>
TLV70033DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODS	<a href="#">Samples</a>
TLV70033DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	RoHS & Green	NIPDAU   SN	Level-2-260C-1 YEAR	-40 to 125	ODN	<a href="#">Samples</a>
TLV70033DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	RoHS & Green	NIPDAU   SN	Level-2-260C-1 YEAR	-40 to 125	ODN	<a href="#">Samples</a>
TLV70033DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	NR	<a href="#">Samples</a>
TLV70033DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	NR	<a href="#">Samples</a>
TLV70036DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SCG	<a href="#">Samples</a>
TLV70036DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SCG	<a href="#">Samples</a>
TLV70036DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	UG	<a href="#">Samples</a>
TLV70036DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	UG	<a href="#">Samples</a>

<sup>(1)</sup> 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.

**OBSELETE:** 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.

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#### OTHER QUALIFIED VERSIONS OF TLV700 :

- Automotive : [TLV700-Q1](#)

NOTE: Qualified Version Definitions:

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