

**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
TPS71701DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BMT	<a href="#">Samples</a>
TPS71701DCKRG4	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BMT	<a href="#">Samples</a>
TPS71701DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BMT	<a href="#">Samples</a>
TPS71701DCKTG4	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BMT	<a href="#">Samples</a>
TPS71709DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	FY	<a href="#">Samples</a>
TPS71709DSERG4	ACTIVE	WSON	DSE	6	3000	TBD	Call TI	Call TI	-40 to 125		<a href="#">Samples</a>
TPS71709DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	FY	<a href="#">Samples</a>
TPS71709DSETG4	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	FY	<a href="#">Samples</a>
TPS71710DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BMU	<a href="#">Samples</a>
TPS71710DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BMU	<a href="#">Samples</a>
TPS71710DCKTG4	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BMU	<a href="#">Samples</a>
TPS71710DRVR	ACTIVE	WSON	DRV	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	BMU	<a href="#">Samples</a>
TPS71710DRVVT	ACTIVE	WSON	DRV	6	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	BMU	<a href="#">Samples</a>
TPS71711DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BRL	<a href="#">Samples</a>
TPS71711DCKRG4	ACTIVE	SC70	DCK	5	3000	TBD	Call TI	Call TI	-40 to 125		<a href="#">Samples</a>
TPS71711DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BRL	<a href="#">Samples</a>
TPS71711DCKTG4	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BRL	<a href="#">Samples</a>
TPS71712DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CKE	<a href="#">Samples</a>
TPS71712DCKRG4	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CKE	<a href="#">Samples</a>
TPS71712DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CKE	<a href="#">Samples</a>

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TPS71712DCKTG4	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CKE	<a href="#">Samples</a>
TPS71713DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BMW	<a href="#">Samples</a>
TPS71713DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BMW	<a href="#">Samples</a>
TPS71715DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CAA	<a href="#">Samples</a>
TPS71715DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CAA	<a href="#">Samples</a>
TPS71715DCKTG4	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CAA	<a href="#">Samples</a>
TPS717185DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	KB	<a href="#">Samples</a>
TPS717185DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	KB	<a href="#">Samples</a>
TPS71718DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BMX	<a href="#">Samples</a>
TPS71718DCKRG4	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BMX	<a href="#">Samples</a>
TPS71718DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BMX	<a href="#">Samples</a>
TPS71718DCKTG4	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BMX	<a href="#">Samples</a>
TPS71718DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	G6	<a href="#">Samples</a>
TPS71718DSERG4	ACTIVE	WSON	DSE	6	3000	TBD	Call TI	Call TI	-40 to 125		<a href="#">Samples</a>
TPS71718DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	G6	<a href="#">Samples</a>
TPS71719DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CCZ	<a href="#">Samples</a>
TPS71719DCKRG4	ACTIVE	SC70	DCK	5	3000	TBD	Call TI	Call TI	-40 to 125		<a href="#">Samples</a>
TPS71719DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CCZ	<a href="#">Samples</a>
TPS71719DCKTG4	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CCZ	<a href="#">Samples</a>
TPS71721DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	NXL	<a href="#">Samples</a>
TPS71721DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	NXL	<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
TPS71725DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CAF	<a href="#">Samples</a>
TPS71725DCKRG4	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CAF	<a href="#">Samples</a>
TPS71725DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CAF	<a href="#">Samples</a>
TPS71726DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BRK	<a href="#">Samples</a>
TPS71726DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BRK	<a href="#">Samples</a>
TPS71727DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BSC	<a href="#">Samples</a>
TPS71727DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BSC	<a href="#">Samples</a>
TPS71727DCKTG4	ACTIVE	SC70	DCK	5	250	TBD	Call TI	Call TI	-40 to 125		<a href="#">Samples</a>
TPS71727DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	KU	<a href="#">Samples</a>
TPS71727DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	KU	<a href="#">Samples</a>
TPS717285DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BRJ	<a href="#">Samples</a>
TPS717285DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BRJ	<a href="#">Samples</a>
TPS71728DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BMZ	<a href="#">Samples</a>
TPS71728DCKRG4	ACTIVE	SC70	DCK	5	3000	TBD	Call TI	Call TI	-40 to 125		<a href="#">Samples</a>
TPS71728DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BMZ	<a href="#">Samples</a>
TPS71728DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	FU	<a href="#">Samples</a>
TPS71728DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	FU	<a href="#">Samples</a>
TPS71728DSETG4	ACTIVE	WSON	DSE	6	250	TBD	Call TI	Call TI	-40 to 125		<a href="#">Samples</a>
TPS71729DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CJR	<a href="#">Samples</a>
TPS71729DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CJR	<a href="#">Samples</a>
TPS71730DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BNA	<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
TPS71730DCKRG4	ACTIVE	SC70	DCK	5	3000	TBD	Call TI	Call TI	-40 to 125		<a href="#">Samples</a>
TPS71730DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BNA	<a href="#">Samples</a>
TPS71730DCKTG4	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BNA	<a href="#">Samples</a>
TPS71733DCKR	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BNB	<a href="#">Samples</a>
TPS71733DCKRG4	ACTIVE	SC70	DCK	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BNB	<a href="#">Samples</a>
TPS71733DCKT	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BNB	<a href="#">Samples</a>
TPS71733DCKTG4	ACTIVE	SC70	DCK	5	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BNB	<a href="#">Samples</a>
TPS71733DRVR	ACTIVE	WSON	DRV	6	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BNB	<a href="#">Samples</a>
TPS71733DRVRG4	ACTIVE	WSON	DRV	6	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	BNB	<a href="#">Samples</a>
TPS71733DRVT	ACTIVE	WSON	DRV	6	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	BNB	<a href="#">Samples</a>
TPS71733DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	FV	<a href="#">Samples</a>
TPS71733DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	FV	<a href="#">Samples</a>
TPS71745DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	GL	<a href="#">Samples</a>
TPS71745DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	GL	<a href="#">Samples</a>
TPS71750DSER	ACTIVE	WSON	DSE	6	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	PD	<a href="#">Samples</a>
TPS71750DSET	ACTIVE	WSON	DSE	6	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	PD	<a href="#">Samples</a>

(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.

**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 TPS717 :**

- Automotive : [TPS717-Q1](#)

NOTE: Qualified Version Definitions:

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