

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
TPS74501PBQWDRVRQ1	ACTIVE	WSON	DRV	6	3000	RoHS & Green	Call TI	Level-1-260C-UNLIM	-40 to 125	1S36	Samples
TPS74501PCQWDRVRQ1	ACTIVE	WSON	DRV	6	3000	RoHS & Green	Call TI	Level-1-260C-UNLIM	-40 to 125	1ZF6	Samples
TPS74501PQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	74501P	Samples
TPS74501PQWDRVRQ1	ACTIVE	WSON	DRV	6	3000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	1S26	Samples
TPS74507PQWDRBRQ1	PREVIEW	SON	DRB	8	3000	TBD	Call TI	Call TI	-40 to 125		
TPS745105PQWDRVRQ1	ACTIVE	WSON	DRV	6	3000	RoHS & Green	Call TI	Level-1-260C-UNLIM	-40 to 125	1S66	Samples
TPS74510PQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	74510P	Samples
TPS74510PQWDRVRQ1	ACTIVE	WSON	DRV	6	3000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	1S56	Samples
TPS745115PQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	745115	Samples
TPS74511PQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	74511P	Samples
TPS74511PQWDRVRQ1	ACTIVE	WSON	DRV	6	3000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	1S76	Samples
TPS745125PQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	745125	Samples
TPS74512PQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	74512P	Samples
TPS74512PQWDRVRQ1	ACTIVE	WSON	DRV	6	3000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	1S86	Samples
TPS745135PQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	745135	Samples
TPS74513PQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	74513P	Samples
TPS74515PQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	74515P	Samples
TPS74515PQWDRVRQ1	ACTIVE	WSON	DRV	6	3000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	1S96	Samples
TPS74517PQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	74517P	Samples
TPS74518PQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	74518P	Samples

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TPS74518PQWDRVRQ1	ACTIVE	WSON	DRV	6	3000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	1SA6	Samples
TPS74522PQWDRVRQ1	ACTIVE	WSON	DRV	6	3000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	1SB6	Samples
TPS74525PQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	74525P	Samples
TPS74525PQWDRVRQ1	ACTIVE	WSON	DRV	6	3000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	1SC6	Samples
TPS74528PQWDRBRQ1	PREVIEW	SON	DRB	8	3000	TBD	Call TI	Call TI	-40 to 125		
TPS74528PQWDRVRQ1	ACTIVE	WSON	DRV	6	3000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	1SD6	Samples
TPS74529PQWDRBRQ1	PREVIEW	SON	DRB	8	3000	TBD	Call TI	Call TI	-40 to 125		
TPS74529PQWDRVRQ1	ACTIVE	WSON	DRV	6	3000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	1SE6	Samples
TPS74530PQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	74530P	Samples
TPS74533PCQWDRVRQ1	ACTIVE	WSON	DRV	6	3000	RoHS & Green	Call TI	Level-1-260C-UNLIM	-40 to 125	1ZE6	Samples
TPS74533PQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	74533P	Samples
TPS74533PQWDRVRQ1	ACTIVE	WSON	DRV	6	3000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	1SF6	Samples
TPS74534PQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	74534P	Samples
TPS74550PQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	74550P	Samples
TPS74550PQWDRVRQ1	ACTIVE	WSON	DRV	6	3000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	1T36	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 ≤ 1000 ppm threshold. Antimony trioxide based flame retardants must also meet the ≤ 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 TPS745-Q1 :

- Catalog : [TPS745](#)

NOTE: Qualified Version Definitions:

- Catalog - TI's standard catalog product