

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