

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
TPS78501BQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR		8501BQ	Samples
TPS78501QKVURQ1	ACTIVE	TO-252	KVU	5	2500	RoHS & Green	SN	Level-3-260C-168 HR	-40 to 150	8501QKVU	Samples
TPS78501QWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 150	8501QW	Samples
TPS785075BQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 150	5075BQ	Samples
TPS785075QWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 150	85075Q	Samples
TPS78508BQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 150	8508BQ	Samples
TPS78510QKVURQ1	ACTIVE	TO-252	KVU	5	2500	RoHS & Green	SN	Level-3-260C-168 HR	-40 to 150	8510QKVU	Samples
TPS78510QWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 150	8510QW	Samples
TPS78511QKVURQ1	ACTIVE	TO-252	KVU	5	2500	RoHS & Green	SN	Level-3-260C-168 HR	-40 to 150	8511QKVU	Samples
TPS78511QWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 150	8511QW	Samples
TPS78512BQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR		8512BQ	Samples
TPS78512QKVURQ1	ACTIVE	TO-252	KVU	5	2500	RoHS & Green	SN	Level-3-260C-168 HR	-40 to 150	8512QKVU	Samples
TPS78512QWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 150	8512QW	Samples
TPS78518BQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR		8518BQ	Samples
TPS78518QKVURQ1	ACTIVE	TO-252	KVU	5	2500	RoHS & Green	SN	Level-3-260C-168 HR	-40 to 150	8518QKVU	Samples
TPS78518QWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 150	8518QW	Samples
TPS78525BQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR		8525BQ	Samples
TPS78533BQWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR		8533BQ	Samples
TPS78533QKVURQ1	ACTIVE	TO-252	KVU	5	2500	RoHS & Green	SN	Level-3-260C-168 HR	-40 to 150	8533QKVU	Samples
TPS78533QWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 150	8533QW	Samples

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TPS78550QKVURQ1	ACTIVE	TO-252	KVU	5	2500	RoHS & Green	SN	Level-3-260C-168 HR	-40 to 150	8550QKVU	Samples
TPS78550QWDRBRQ1	ACTIVE	SON	DRB	8	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 150	8550QW	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.

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