

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
TPS3831A09DQNR	ACTIVE	X2SON	DQN	4	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	A3	Samples
TPS3831A09DQNT	ACTIVE	X2SON	DQN	4	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	A3	Samples
TPS3831E16DQNR	ACTIVE	X2SON	DQN	4	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	A5	Samples
TPS3831E16DQNT	ACTIVE	X2SON	DQN	4	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	A5	Samples
TPS3831G12DQNR	ACTIVE	X2SON	DQN	4	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	A4	Samples
TPS3831G12DQNT	ACTIVE	X2SON	DQN	4	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	A4	Samples
TPS3831G18DQNR	ACTIVE	X2SON	DQN	4	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	A6	Samples
TPS3831G18DQNT	ACTIVE	X2SON	DQN	4	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	A6	Samples
TPS3831G33DQNR	ACTIVE	X2SON	DQN	4	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	A7	Samples
TPS3831G33DQNT	ACTIVE	X2SON	DQN	4	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	A7	Samples
TPS3831K33DQNR	ACTIVE	X2SON	DQN	4	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	A8	Samples
TPS3831K33DQNT	ACTIVE	X2SON	DQN	4	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	A8	Samples
TPS3831K50DQNR	ACTIVE	X2SON	DQN	4	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	A9	Samples
TPS3831K50DQNT	ACTIVE	X2SON	DQN	4	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	A9	Samples
TPS3831L30DQNR	ACTIVE	X2SON	DQN	4	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	BA	Samples
TPS3831L30DQNT	ACTIVE	X2SON	DQN	4	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	BA	Samples
TPS3839A09DBZR	ACTIVE	SOT-23	DBZ	3	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	PZDI	Samples
TPS3839A09DBZT	ACTIVE	SOT-23	DBZ	3	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	PZDI	Samples
TPS3839A09DQNR	ACTIVE	X2SON	DQN	4	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ZJ	Samples
TPS3839A09DQNT	ACTIVE	X2SON	DQN	4	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ZJ	Samples

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TPS3839E16DBZR	ACTIVE	SOT-23	DBZ	3	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	PZCI	Samples
TPS3839E16DBZT	ACTIVE	SOT-23	DBZ	3	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	PZCI	Samples
TPS3839E16DQNR	ACTIVE	X2SON	DQN	4	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ZK	Samples
TPS3839E16DQNT	ACTIVE	X2SON	DQN	4	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ZK	Samples
TPS3839G12DBZR	ACTIVE	SOT-23	DBZ	3	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	PZBI	Samples
TPS3839G12DBZT	ACTIVE	SOT-23	DBZ	3	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	PZBI	Samples
TPS3839G12DQNR	ACTIVE	X2SON	DQN	4	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ZE	Samples
TPS3839G12DQNT	ACTIVE	X2SON	DQN	4	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ZE	Samples
TPS3839G18DBZR	ACTIVE	SOT-23	DBZ	3	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	PZAI	Samples
TPS3839G18DBZT	ACTIVE	SOT-23	DBZ	3	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	PZAI	Samples
TPS3839G18DQNR	ACTIVE	X2SON	DQN	4	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ZL	Samples
TPS3839G18DQNT	ACTIVE	X2SON	DQN	4	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ZL	Samples
TPS3839G25DBZR	ACTIVE	SOT-23	DBZ	3	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	PZNI	Samples
TPS3839G25DBZT	ACTIVE	SOT-23	DBZ	3	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	PZNI	Samples
TPS3839G33DBZR	ACTIVE	SOT-23	DBZ	3	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	PYZI	Samples
TPS3839G33DBZT	ACTIVE	SOT-23	DBZ	3	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	PYZI	Samples
TPS3839G33DQNR	ACTIVE	X2SON	DQN	4	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ZG	Samples
TPS3839G33DQNT	ACTIVE	X2SON	DQN	4	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ZG	Samples
TPS3839K33DBZR	ACTIVE	SOT-23	DBZ	3	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	PYYI	Samples
TPS3839K33DBZT	ACTIVE	SOT-23	DBZ	3	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	PYYI	Samples
TPS3839K33DQNR	ACTIVE	X2SON	DQN	4	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ZF	Samples

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TPS3839K33DQNT	ACTIVE	X2SON	DQN	4	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ZF	Samples
TPS3839K50DBZR	ACTIVE	SOT-23	DBZ	3	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	PYXI	Samples
TPS3839K50DBZT	ACTIVE	SOT-23	DBZ	3	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	PYXI	Samples
TPS3839K50DQNR	ACTIVE	X2SON	DQN	4	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ZH	Samples
TPS3839K50DQNT	ACTIVE	X2SON	DQN	4	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ZH	Samples
TPS3839L30DBZR	ACTIVE	SOT-23	DBZ	3	3000	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	PYWI	Samples
TPS3839L30DBZT	ACTIVE	SOT-23	DBZ	3	250	RoHS & Green	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	PYWI	Samples
TPS3839L30DQNR	ACTIVE	X2SON	DQN	4	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ZI	Samples
TPS3839L30DQNT	ACTIVE	X2SON	DQN	4	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ZI	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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