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
TPS3820-33DBVR	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	PDEI	Samples
TPS3820-33DBVRG4	ACTIVE	SOT-23	DBV	5	3000	TBD	Call TI	Call TI	-40 to 85		Samples
TPS3820-33DBVT	OBSOLETE	SOT-23	DBV	5		TBD	Call TI	Call TI	-40 to 85	PDEI	
TPS3820-33DBVTG4	NRND	SOT-23	DBV	5	250	TBD	Call TI	Call TI	-40 to 85		
TPS3820-50DBVR	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	PDDI	Samples
TPS3820-50DBVT	OBSOLETE	SOT-23	DBV	5		TBD	Call TI	Call TI	-40 to 85	PDDI	
TPS3823-25DBVR	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	PAPI	Samples
TPS3823-25DBVT	OBSOLETE	SOT-23	DBV	5		TBD	Call TI	Call TI		PAPI	
TPS3823-30DBVR	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	PAQI	Samples
TPS3823-30DBVT	OBSOLETE	SOT-23	DBV	5		TBD	Call TI	Call TI		PAQI	
TPS3823-33DBVR	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	PARI	Samples
TPS3823-33DBVRG4	ACTIVE	SOT-23	DBV	5	3000	TBD	Call TI	Call TI	-40 to 85		Samples
TPS3823-33DBVT	OBSOLETE	SOT-23	DBV	5		TBD	Call TI	Call TI		PARI	
TPS3823-33DBVTG4	NRND	SOT-23	DBV	5	250	TBD	Call TI	Call TI			
TPS3823-50DBVR	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	PASI	Samples
TPS3823-50DBVT	OBSOLETE	SOT-23	DBV	5		TBD	Call TI	Call TI		PASI	
TPS3823-50DBVTG4	NRND	SOT-23	DBV	5	250	TBD	Call TI	Call TI			
TPS3823A-33DBVR	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	PYPI	Samples
TPS3823A-33DBVT	OBSOLETE	SOT-23	DBV	5		TBD	Call TI	Call TI	-40 to 125	PYPI	
TPS3824-25DBVR	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	PATI	Samples
TPS3824-25DBVT	OBSOLETE	SOT-23	DBV	5		TBD	Call TI	Call TI		PATI	
TPS3824-30DBVR	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	PAUI	Samples
TPS3824-30DBVRG4	ACTIVE	SOT-23	DBV	5	3000	TBD	Call TI	Call TI	-40 to 85		Samples
TPS3824-30DBVT	OBSOLETE	SOT-23	DBV	5		TBD	Call TI	Call TI		PAUI	

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
TPS3824-33DBVR	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	PAVI	Samples
TPS3824-33DBVRG4	ACTIVE	SOT-23	DBV	5	3000	TBD	Call TI	Call TI	-40 to 85		Samples
TPS3824-33DBVT	OBSOLETE	SOT-23	DBV	5		TBD	Call TI	Call TI		PAVI	
TPS3824-50DBVR	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	PAWI	Samples
TPS3824-50DBVT	OBSOLETE	SOT-23	DBV	5		TBD	Call TI	Call TI		PAWI	
TPS3825-33DBVR	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	PDGI	Samples
TPS3825-33DBVRG4	ACTIVE	SOT-23	DBV	5	3000	TBD	Call TI	Call TI	-40 to 85		Samples
TPS3825-33DBVT	OBSOLETE	SOT-23	DBV	5		TBD	Call TI	Call TI	-40 to 85	PDGI	
TPS3825-33DBVTG4	NRND	SOT-23	DBV	5	250	TBD	Call TI	Call TI	-40 to 85		
TPS3825-50DBVR	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	PDFI	Samples
TPS3825-50DBVT	OBSOLETE	SOT-23	DBV	5		TBD	Call TI	Call TI	-40 to 85	PDFI	
TPS3825-50DBVTG4	NRND	SOT-23	DBV	5	250	TBD	Call TI	Call TI	-40 to 85		
TPS3828-33DBVR	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	PDII	Samples
TPS3828-33DBVRG4	ACTIVE	SOT-23	DBV	5	3000	TBD	Call TI	Call TI	-40 to 85		Samples
TPS3828-33DBVT	OBSOLETE	SOT-23	DBV	5		TBD	Call TI	Call TI	-40 to 85	PDII	
TPS3828-33DBVTG4	NRND	SOT-23	DBV	5	250	TBD	Call TI	Call TI	-40 to 85		
TPS3828-50DBVR	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	PDHI	Samples
TPS3828-50DBVRG4	ACTIVE	SOT-23	DBV	5	3000	TBD	Call TI	Call TI	-40 to 85		Samples
TPS3828-50DBVT	OBSOLETE	SOT-23	DBV	5		TBD	Call TI	Call TI	-40 to 85	PDHI	
TPS3828-50DBVTG4	NRND	SOT-23	DBV	5	250	TBD	Call TI	Call TI	-40 to 85		

(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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OTHER QUALIFIED VERSIONS OF TPS3820, TPS3823, TPS3824, TPS3825, TPS3828 :

- Automotive : TPS3820-Q1, TPS3823-Q1, TPS3824-Q1, TPS3825-Q1, TPS3828-Q1

NOTE: Qualified Version Definitions:

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