

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
TPS78218DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	Green (RoHS & no Sb/Br)	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SJY	Samples
TPS78218DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	Green (RoHS & no Sb/Br)	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SJY	Samples
TPS78218DRVR	ACTIVE	WSON	DRV	6	3000	Green (RoHS & no Sb/Br)	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	SAF	Samples
TPS78218DRVT	ACTIVE	WSON	DRV	6	250	Green (RoHS & no Sb/Br)	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	SAF	Samples
TPS78222DRVR	ACTIVE	WSON	DRV	6	3000	Green (RoHS & no Sb/Br)	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	RAR	Samples
TPS78222DRVT	ACTIVE	WSON	DRV	6	250	Green (RoHS & no Sb/Br)	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	RAR	Samples
TPS78223DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	Green (RoHS & no Sb/Br)	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	NXM	Samples
TPS78223DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	Green (RoHS & no Sb/Br)	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	NXM	Samples
TPS78225DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	Green (RoHS & no Sb/Br)	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVD	Samples
TPS78225DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	Green (RoHS & no Sb/Br)	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVD	Samples
TPS78225DRVR	ACTIVE	WSON	DRV	6	3000	Green (RoHS & no Sb/Br)	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CVD	Samples
TPS78225DRVT	ACTIVE	WSON	DRV	6	250	Green (RoHS & no Sb/Br)	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CVD	Samples
TPS78227DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	Green (RoHS & no Sb/Br)	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVE	Samples
TPS78227DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	Green (RoHS & no Sb/Br)	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVE	Samples
TPS78227DRVR	ACTIVE	WSON	DRV	6	3000	Green (RoHS & no Sb/Br)	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CVE	Samples
TPS78227DRVT	ACTIVE	WSON	DRV	6	250	Green (RoHS & no Sb/Br)	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CVE	Samples

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
TPS78228DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	Green (RoHS & no Sb/Br)	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVF	Samples
TPS78228DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	Green (RoHS & no Sb/Br)	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVF	Samples
TPS78228DRVR	ACTIVE	WSON	DRV	6	3000	Green (RoHS & no Sb/Br)	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CVF	Samples
TPS78228DRVRG4	ACTIVE	WSON	DRV	6	3000	Green (RoHS & no Sb/Br)	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CVF	Samples
TPS78228DRVT	ACTIVE	WSON	DRV	6	250	Green (RoHS & no Sb/Br)	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CVF	Samples
TPS78230DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	Green (RoHS & no Sb/Br)	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OCK	Samples
TPS78230DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	Green (RoHS & no Sb/Br)	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OCK	Samples
TPS78230DRVR	ACTIVE	WSON	DRV	6	3000	Green (RoHS & no Sb/Br)	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODE	Samples
TPS78230DRVT	ACTIVE	WSON	DRV	6	250	Green (RoHS & no Sb/Br)	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODE	Samples
TPS78233DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	Green (RoHS & no Sb/Br)	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OAH	Samples
TPS78233DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	Green (RoHS & no Sb/Br)	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OAH	Samples
TPS78236DDCR	ACTIVE	SOT-23-THIN	DDC	5	3000	Green (RoHS & no Sb/Br)	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SCE	Samples
TPS78236DDCT	ACTIVE	SOT-23-THIN	DDC	5	250	Green (RoHS & no Sb/Br)	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SCE	Samples
TPS78236DRVR	ACTIVE	WSON	DRV	6	3000	Green (RoHS & no Sb/Br)	NIPDAU	Level-1-260C-UNLIM	-40 to 125	SCE	Samples
TPS78236DRVT	ACTIVE	WSON	DRV	6	250	Green (RoHS & no Sb/Br)	NIPDAU	Level-1-260C-UNLIM	-40 to 125	SCE	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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OTHER QUALIFIED VERSIONS OF TPS782 :

- Automotive: [TPS782-Q1](#)

NOTE: Qualified Version Definitions:

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