

**PACKAGING INFORMATION**

Orderable part number	Status (1)	Material type (2)	Package   Pins	Package qty   Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
<a href="#">TPS78218DDCR</a>	Active	Production	SOT-23-THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SJY
TPS78218DDCR.A	Active	Production	SOT-23-THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SJY
TPS78218DDCRG4	Active	Production	SOT-23-THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SJY
TPS78218DDCRG4.A	Active	Production	SOT-23-THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SJY
<a href="#">TPS78218DDCT</a>	Active	Production	SOT-23-THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SJY
TPS78218DDCT.A	Active	Production	SOT-23-THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SJY
<a href="#">TPS78218DRVR</a>	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	SAF
TPS78218DRVR.A	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	SAF
TPS78218DRVRG4	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	SAF
TPS78218DRVRG4.A	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	SAF
<a href="#">TPS78218DRVT</a>	Active	Production	WSON (DRV)   6	250   SMALL T&R	Yes	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	SAF
TPS78218DRVT.A	Active	Production	WSON (DRV)   6	250   SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	SAF
<a href="#">TPS78222DRVR</a>	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	RAR
TPS78222DRVR.A	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	RAR
TPS78222DRVRG4	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	RAR
TPS78222DRVRG4.A	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	RAR
<a href="#">TPS78222DRVT</a>	Active	Production	WSON (DRV)   6	250   SMALL T&R	Yes	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	RAR
TPS78222DRVT.A	Active	Production	WSON (DRV)   6	250   SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	RAR
<a href="#">TPS78223DDCR</a>	Active	Production	SOT-23-THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	NXM
TPS78223DDCR.A	Active	Production	SOT-23-THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	NXM
TPS78223DDCRG4	Active	Production	SOT-23-THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	NXM
TPS78223DDCRG4.A	Active	Production	SOT-23-THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	NXM

Orderable part number	Status (1)	Material type (2)	Package   Pins	Package qty   Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
<a href="#">TPS78223DDCT</a>	Active	Production	SOT-23-THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	NXM
TPS78223DDCT.A	Active	Production	SOT-23-THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	NXM
<a href="#">TPS78225DDCR</a>	Active	Production	SOT-23-THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVD
TPS78225DDCR.A	Active	Production	SOT-23-THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVD
TPS78225DDCRG4	Active	Production	SOT-23-THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVD
TPS78225DDCRG4.A	Active	Production	SOT-23-THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVD
<a href="#">TPS78225DDCT</a>	Active	Production	SOT-23-THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVD
TPS78225DDCT.A	Active	Production	SOT-23-THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVD
<a href="#">TPS78225DRVR</a>	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CVD
TPS78225DRVR.A	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CVD
TPS78225DRVRG4.A	Active	Production	WSON (DRV)   6	3000   LARGE T&R	-	Call TI	Call TI	-40 to 125	
<a href="#">TPS78225DRVT</a>	Active	Production	WSON (DRV)   6	250   SMALL T&R	Yes	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CVD
TPS78225DRVT.A	Active	Production	WSON (DRV)   6	250   SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CVD
<a href="#">TPS78227DDCR</a>	Active	Production	SOT-23-THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVE
TPS78227DDCR.A	Active	Production	SOT-23-THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVE
TPS78227DDCRG4	Active	Production	SOT-23-THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVE
TPS78227DDCRG4.A	Active	Production	SOT-23-THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVE
<a href="#">TPS78227DDCT</a>	Active	Production	SOT-23-THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVE
TPS78227DDCT.A	Active	Production	SOT-23-THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVE
<a href="#">TPS78227DRVR</a>	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CVE

Orderable part number	Status (1)	Material type (2)	Package   Pins	Package qty   Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
TPS78227DRVR.A	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CVE
<a href="#">TPS78227DRVT</a>	Active	Production	WSON (DRV)   6	250   SMALL T&R	Yes	NIPDAU   NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CVE
TPS78227DRVT.A	Active	Production	WSON (DRV)   6	250   SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CVE
TPS78227DRVTG4	Active	Production	WSON (DRV)   6	250   SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CVE
TPS78227DRVTG4.A	Active	Production	WSON (DRV)   6	250   SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	CVE
<a href="#">TPS78228DDCR</a>	Active	Production	SOT-23- THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVF
TPS78228DDCR.A	Active	Production	SOT-23- THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVF
TPS78228DDCRG4	Active	Production	SOT-23- THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVF
TPS78228DDCRG4.A	Active	Production	SOT-23- THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVF
<a href="#">TPS78228DDCT</a>	Active	Production	SOT-23- THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVF
TPS78228DDCT.A	Active	Production	SOT-23- THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	CVF
<a href="#">TPS78228DRVR</a>	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CVF
TPS78228DRVR.A	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CVF
TPS78228DRVRG4	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CVF
<a href="#">TPS78228DRVT</a>	Active	Production	WSON (DRV)   6	250   SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CVF
TPS78228DRVT.A	Active	Production	WSON (DRV)   6	250   SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CVF
<a href="#">TPS78230DDCR</a>	Active	Production	SOT-23- THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OCK
TPS78230DDCR.A	Active	Production	SOT-23- THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OCK
TPS78230DDCRG4	Active	Production	SOT-23- THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OCK
TPS78230DDCRG4.A	Active	Production	SOT-23- THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OCK
<a href="#">TPS78230DDCT</a>	Active	Production	SOT-23- THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OCK
TPS78230DDCT.A	Active	Production	SOT-23- THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OCK

Orderable part number	Status (1)	Material type (2)	Package   Pins	Package qty   Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
<a href="#">TPS78230DRVR</a>	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODE
TPS78230DRVR.A	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODE
TPS78230DRVRG4	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODE
TPS78230DRVRG4.A	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODE
<a href="#">TPS78230DRVT</a>	Active	Production	WSON (DRV)   6	250   SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODE
TPS78230DRVT.A	Active	Production	WSON (DRV)   6	250   SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	ODE
<a href="#">TPS78233DDCR</a>	Active	Production	SOT-23- THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OAH
TPS78233DDCR.A	Active	Production	SOT-23- THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OAH
TPS78233DDCRG4	Active	Production	SOT-23- THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OAH
TPS78233DDCRG4.A	Active	Production	SOT-23- THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OAH
<a href="#">TPS78233DDCT</a>	Active	Production	SOT-23- THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OAH
TPS78233DDCT.A	Active	Production	SOT-23- THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OAH
<a href="#">TPS78236DDCR</a>	Active	Production	SOT-23- THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SCE
TPS78236DDCR.A	Active	Production	SOT-23- THIN (DDC)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SCE
<a href="#">TPS78236DDCT</a>	Active	Production	SOT-23- THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SCE
TPS78236DDCT.A	Active	Production	SOT-23- THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SCE
TPS78236DDCTG4	Active	Production	SOT-23- THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SCE
TPS78236DDCTG4.A	Active	Production	SOT-23- THIN (DDC)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	SCE
<a href="#">TPS78236DRVR</a>	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	SCE
TPS78236DRVR.A	Active	Production	WSON (DRV)   6	3000   LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	SCE
<a href="#">TPS78236DRVT</a>	Active	Production	WSON (DRV)   6	250   SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	SCE
TPS78236DRVT.A	Active	Production	WSON (DRV)   6	250   SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	SCE

- (1) **Status:** For more details on status, see our [product life cycle](#).
- (2) **Material type:** When designated, preproduction parts are prototypes/experimental devices, and are not yet approved or released for full production. Testing and final process, including without limitation quality assurance, reliability performance testing, and/or process qualification, may not yet be complete, and this item is subject to further changes or possible discontinuation. If available for ordering, purchases will be subject to an additional waiver at checkout, and are intended for early internal evaluation purposes only. These items are sold without warranties of any kind.
- (3) **RoHS values:** Yes, No, RoHS Exempt. See the [TI RoHS Statement](#) for additional information and value definition.
- (4) **Lead finish/Ball material:** Parts 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.
- (5) **MSL rating/Peak reflow:** The moisture sensitivity level ratings and peak solder (reflow) temperatures. In the event that a part has multiple moisture sensitivity ratings, only the lowest level per JEDEC standards is shown. Refer to the shipping label for the actual reflow temperature that will be used to mount the part to the printed circuit board.
- (6) **Part marking:** There may be an additional marking, which relates to the logo, the lot trace code information, or the environmental category of the part.

Multiple part markings will be inside parentheses. Only one part marking contained in parentheses and separated by a "-" will appear on a part. If a line is indented then it is a continuation of the previous line and the two combined represent the entire part marking for that device.

**Important Information and Disclaimer:** The information provided on this page represents TI's knowledge and belief as of the date that it is provided. TI bases its knowledge and belief on information provided by third parties, and makes no representation or warranty as to the accuracy of such information. Efforts are underway to better integrate information from third parties. TI has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and chemicals. TI and TI suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.

In no event shall TI's liability arising out of such information exceed the total purchase price of the TI part(s) at issue in this document sold by TI to Customer on an annual basis.

**OTHER QUALIFIED VERSIONS OF TPS782 :**

- Automotive : [TPS782-Q1](#)

NOTE: Qualified Version Definitions:

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