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## **PACKAGING INFORMATION**

Orderable part number	Status (1)	Material type	Package   Pins	Package qty   Carrier	<b>RoHS</b> (3)	Lead finish/ Ball material	MSL rating/ Peak reflow	Op temp (°C)	Part marking (6)
TPS7A4501DCQR	Active	Production	SOT-223 (DCQ)   6	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4501
TPS7A4501DCQR.A	Active	Production	SOT-223 (DCQ)   6	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4501
TPS7A4501DCQRG4	Active	Production	SOT-223 (DCQ)   6	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4501
TPS7A4501DCQRG4.A	Active	Production	SOT-223 (DCQ)   6	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4501
TPS7A4501DCQT	Active	Production	SOT-223 (DCQ)   6	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4501
TPS7A4501DCQT.A	Active	Production	SOT-223 (DCQ)   6	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4501
TPS7A4501DCQTG4	Active	Production	SOT-223 (DCQ)   6	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4501
TPS7A4501DCQTG4.A	Active	Production	SOT-223 (DCQ)   6	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4501
TPS7A4501KTTR	Active	Production	DDPAK/ TO-263 (KTT)   5	500   LARGE T&R	Yes	SN	Level-3-245C-168 HR	-40 to 125	TPS7A4501
TPS7A4501KTTR.A	Active	Production	DDPAK/ TO-263 (KTT)   5	500   LARGE T&R	Yes	SN	Level-3-245C-168 HR	-40 to 125	TPS7A4501
TPS7A4515DCQR	Active	Production	SOT-223 (DCQ)   6	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4515
TPS7A4515DCQR.A	Active	Production	SOT-223 (DCQ)   6	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4515
TPS7A4515DCQT	Active	Production	SOT-223 (DCQ)   6	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-	PS7A4515
TPS7A4515DCQT.A	Active	Production	SOT-223 (DCQ)   6	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4515
TPS7A4515KTTR	Active	Production	DDPAK/ TO-263 (KTT)   5	500   LARGE T&R	Yes	SN	Level-3-245C-168 HR	-40 to 125	TPS7A4515
TPS7A4515KTTR.A	Active	Production	DDPAK/ TO-263 (KTT)   5	500   LARGE T&R	Yes	SN	Level-3-245C-168 HR	-40 to 125	TPS7A4515
TPS7A4518DCQR	Active	Production	SOT-223 (DCQ)   6	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4518
TPS7A4518DCQR.A	Active	Production	SOT-223 (DCQ)   6	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4518
TPS7A4518DCQT	Active	Production	SOT-223 (DCQ)   6	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-	PS7A4518
TPS7A4518DCQT.A	Active	Production	SOT-223 (DCQ)   6	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4518
TPS7A4518KTTR	Active	Production	DDPAK/ TO-263 (KTT)   5	500   LARGE T&R	Yes	SN	Level-3-245C-168 HR	-40 to 125	TPS7A4518
TPS7A4518KTTR.A	Active	Production	DDPAK/ TO-263 (KTT)   5	500   LARGE T&R	Yes	SN	Level-3-245C-168 HR	-40 to 125	TPS7A4518
TPS7A4518KTTRG3	Active	Production	DDPAK/ TO-263 (KTT)   5	500   LARGE T&R	Yes	SN	Level-3-245C-168 HR	-40 to 125	TPS7A4518
TPS7A4525DCQR	Active	Production	SOT-223 (DCQ)   6	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4525



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Orderable part number	Status (1)	Material type	Package   Pins	Package qty   Carrier	RoHS	Lead finish/ Ball material	MSL rating/ Peak reflow	Op temp (°C)	Part marking (6)
TPS7A4525DCQR.A	Active	Production	SOT-223 (DCQ)   6	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4525
TPS7A4525DCQT	Active	Production	SOT-223 (DCQ)   6	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-	PS7A4525
TPS7A4525DCQT.A	Active	Production	SOT-223 (DCQ)   6	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4525
TPS7A4525KTTR	Active	Production	DDPAK/ TO-263 (KTT)   5	500   LARGE T&R	Yes	SN	Level-3-245C-168 HR	-40 to 125	TPS7A4525
TPS7A4525KTTR.A	Active	Production	DDPAK/ TO-263 (KTT)   5	500   LARGE T&R	Yes	SN	Level-3-245C-168 HR	-40 to 125	TPS7A4525
TPS7A4533DCQR	Active	Production	SOT-223 (DCQ)   6	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4533
TPS7A4533DCQR.A	Active	Production	SOT-223 (DCQ)   6	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4533
TPS7A4533DCQT	Active	Production	SOT-223 (DCQ)   6	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4533
TPS7A4533DCQT.A	Active	Production	SOT-223 (DCQ)   6	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4533
TPS7A4533DCQTG4	Active	Production	SOT-223 (DCQ)   6	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4533
TPS7A4533DCQTG4.A	Active	Production	SOT-223 (DCQ)   6	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	PS7A4533
TPS7A4533KTTR	Active	Production	DDPAK/ TO-263 (KTT)   5	500   LARGE T&R	Yes	SN	Level-3-245C-168 HR	-40 to 125	TPS7A4533
TPS7A4533KTTR.A	Active	Production	DDPAK/ TO-263 (KTT)   5	500   LARGE T&R	Yes	SN	Level-3-245C-168 HR	-40 to 125	TPS7A4533

<sup>(1)</sup> Status: For more details on status, see our product life cycle.

<sup>(2)</sup> 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.

<sup>(3)</sup> RoHS values: Yes, No, RoHS Exempt. See the TI RoHS Statement for additional information and value definition.

<sup>(4)</sup> 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.

<sup>(5)</sup> 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.

<sup>(6)</sup> 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.



## **PACKAGE OPTION ADDENDUM**

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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.

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