

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)
TPS7A0210PDQNR	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	GH
TPS7A0210PDQNR.A	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	GH
TPS7A0212PDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	21GF
TPS7A0212PDBVR.A	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	21GF
TPS7A0212PYCHR	Active	Production	DSBGA (YCH) 4	12000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	A
TPS7A0212PYCHR.A	Active	Production	DSBGA (YCH) 4	12000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	A
TPS7A0215DQNR	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	OS
TPS7A0215DQNR.A	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	OS
TPS7A0215PDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	21KF
TPS7A0215PDBVR.A	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	21KF
TPS7A0215PDQNR	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	F3
TPS7A0215PDQNR.A	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	F3
TPS7A02175PYCHR	Active	Production	DSBGA (YCH) 4	12000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	S
TPS7A02175PYCHR.A	Active	Production	DSBGA (YCH) 4	12000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	S
TPS7A02185DQNR	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	OR
TPS7A02185DQNR.A	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	OR
TPS7A02185PDQNR	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	HO
TPS7A02185PDQNR.A	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	HO
TPS7A0218DBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	2CDT
TPS7A0218DBVR.A	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	2CDT
TPS7A0218PDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	21LF
TPS7A0218PDBVR.A	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	21LF
TPS7A0218PDBVRG4	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	21LF
TPS7A0218PDBVRG4.A	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	21LF
TPS7A0218PDQNR	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	F4
TPS7A0218PDQNR.A	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	F4
TPS7A0218PYCHR	Active	Production	DSBGA (YCH) 4	12000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	B
TPS7A0218PYCHR.A	Active	Production	DSBGA (YCH) 4	12000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	B
TPS7A0220PDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	22MT

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TPS7A0220PDBVR.A	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	22MT
TPS7A0220PDQNR	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	F5
TPS7A0220PDQNR.A	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	F5
TPS7A0222DQNR	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	IN
TPS7A0222DQNR.A	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	IN
TPS7A0222PDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	21HF
TPS7A0222PDBVR.A	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	21HF
TPS7A0222PDQNR	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	GI
TPS7A0222PDQNR.A	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	GI
TPS7A0223PDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	21IF
TPS7A0223PDBVR.A	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	21IF
TPS7A0223PDQNR	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	F6
TPS7A0223PDQNR.A	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	F6
TPS7A0225PDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	21DF
TPS7A0225PDBVR.A	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	21DF
TPS7A0225PDQNR	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	F7
TPS7A0225PDQNR.A	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	F7
TPS7A0225PYCHR	Active	Production	DSBGA (YCH) 4	12000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	C
TPS7A0225PYCHR.A	Active	Production	DSBGA (YCH) 4	12000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	C
TPS7A0228DBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	Call TI Sn Nipdau	Level-1-260C-UNLIM	-40 to 125	29PT
TPS7A0228DBVR.A	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	29PT
TPS7A0228DQNR	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	IE
TPS7A0228DQNR.A	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	IE
TPS7A0228PDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	21EF
TPS7A0228PDBVR.A	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	21EF
TPS7A0228PDQNR	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	F8
TPS7A0228PDQNR.A	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	F8
TPS7A0228PYCHR	Active	Production	DSBGA (YCH) 4	12000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	D
TPS7A0228PYCHR.A	Active	Production	DSBGA (YCH) 4	12000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	D
TPS7A0230PDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	21MF
TPS7A0230PDBVR.A	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	21MF

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TPS7A0230PDBVRG4	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	21MF
TPS7A0230PDBVRG4.A	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	21MF
TPS7A0230PDQNR	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	F9
TPS7A0230PDQNR.A	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	F9
TPS7A0230PYCHR	Active	Production	DSBGA (YCH) 4	12000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	F
TPS7A0230PYCHR.A	Active	Production	DSBGA (YCH) 4	12000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	F
TPS7A0231PDQNR	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	GJ
TPS7A0231PDQNR.A	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	GJ
TPS7A0233DBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	29QT
TPS7A0233DBVR.A	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	-40 to 125	29QT
TPS7A0233DQNR	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	IF
TPS7A0233DQNR.A	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	IF
TPS7A0233PDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	21FF
TPS7A0233PDBVR.A	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	21FF
TPS7A0233PDQNR	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	FA
TPS7A0233PDQNR.A	Active	Production	X2SON (DQN) 4	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	FA
TPS7A0233PYCHR	Active	Production	DSBGA (YCH) 4	12000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	G
TPS7A0233PYCHR.A	Active	Production	DSBGA (YCH) 4	12000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	G
TPS7A0236PDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	(21FF, 21JF)
TPS7A0236PDBVR.A	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	(21FF, 21JF)

(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.

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