

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)
TPS6281006QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	81006Q
TPS6281006QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	81006Q
TPS6281008QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	81008Q
TPS6281008QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	81008Q
TPS628100MQWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	8100MQ
TPS628100MQWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	8100MQ
TPS628101HQWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	8101HQ
TPS6281020QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	81020Q
TPS6281020QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	81020Q
TPS62810QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	810Q
TPS62810QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	810Q
TPS6281109QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	81109Q
TPS6281109QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	81109Q
TPS628110AQWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	8110AQ
TPS628110AQWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	8110AQ
TPS6281120QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	81120Q
TPS6281120QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	81120Q
TPS6281126QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	81126Q
TPS6281126QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	81126Q
TPS628112AQWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	8112AQ
TPS628112AQWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	8112AQ
TPS628112MQWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	8112MQ
TPS628112MQWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	8112MQ
TPS628113HQWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	8113HQ
TPS628113HQWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	8113HQ
TPS62811QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	811Q
TPS62811QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	811Q
TPS6281206QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	81206Q
TPS6281206QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	81206Q

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TPS6281208QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	81208Q
TPS6281208QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	81208Q
TPS628120MQWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	8120MQ
TPS628120MQWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	8120MQ
TPS6281220QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	81220Q
TPS6281220QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	81220Q
TPS6281228QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	81228Q
TPS6281228QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	81228Q
TPS628122AQWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	8122AQ
TPS628122AQWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	8122AQ
TPS628122GQWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	8122GQ
TPS628122GQWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	8122GQ
TPS6281240QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	81240Q
TPS6281240QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	81240Q
TPS62812C0QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	812C0Q
TPS62812QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	812Q
TPS62812QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	812Q
TPS6281302QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	81302Q
TPS6281302QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	81302Q
TPS628130AQWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	8130AQ
TPS628130AQWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	8130AQ
TPS6281320QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	81320Q
TPS6281320QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	81320Q
TPS6281322QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	81322Q
TPS6281326QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 120	81326Q
TPS6281326QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 120	81326Q
TPS628132DQWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	8132DQ
TPS628132DQWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	8132DQ
TPS628132MQWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	8132MQ
TPS628132MQWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	8132MQ
TPS628133HQWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	8133HQ

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TPS6281389QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	81389Q
TPS62813QWRWYRQ1	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	813Q
TPS62813QWRWYRQ1.A	Active	Production	VQFN-HR (RWY) 9	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	813Q
XPS62810QWRWYRQ1	Obsolete	Preproduction	VQFN-HR (RWY) 9	-	-	Call TI	Call TI	-40 to 125	

⁽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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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 TPS62810-Q1, TPS62811-Q1, TPS62812-Q1, TPS62813-Q1 :

• Enhanced Product : [TPS62810-EP](#), [TPS62811-EP](#), [TPS62812-EP](#), [TPS62813-EP](#)

NOTE: Qualified Version Definitions:

- Enhanced Product - Supports Defense, Aerospace and Medical Applications