

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
PS7A21105PQWDRBRQ1	ACTIVE	SON	DRB	8	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	21105P	Samples
S7A21105PQWDSGRQ1	ACTIVE	WSON	DSG	8	3000	RoHS & Green	SN	Level-2-260C-1 YEAR	-40 to 125	3JAH	Samples
TPS7A2109PQWDSGRQ1	ACTIVE	WSON	DSG	8	3000	RoHS & Green	SN	Level-2-260C-1 YEAR	-40 to 125	3J6H	Samples
TPS7A2110PQWDRBRQ1	ACTIVE	SON	DRB	8	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	A2110P	Samples
TPS7A2110PQWDSGRQ1	ACTIVE	WSON	DSG	8	3000	RoHS & Green	SN	Level-2-260C-1 YEAR	-40 to 125	3J5H	Samples
TPS7A2112PQWDRBRQ1	ACTIVE	SON	DRB	8	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	A2112P	Samples
TPS7A2112PQWDSGRQ1	ACTIVE	WSON	DSG	8	3000	RoHS & Green	SN	Level-2-260C-1 YEAR	-40 to 125	3J7H	Samples
TPS7A2115PQWDRBRQ1	ACTIVE	SON	DRB	8	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	A2115P	Samples
TPS7A2115PQWDSGRQ1	ACTIVE	WSON	DSG	8	3000	RoHS & Green	SN	Level-2-260C-1 YEAR	-40 to 125	3J4H	Samples
TPS7A2118PQWDRBRQ1	ACTIVE	SON	DRB	8	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	A2118P	Samples
TPS7A2118PQWDSGRQ1	ACTIVE	WSON	DSG	8	3000	RoHS & Green	SN	Level-2-260C-1 YEAR	-40 to 125	35QH	Samples
TPS7A2128PQWDRBRQ1	ACTIVE	SON	DRB	8	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	A2128P	Samples
TPS7A2128PQWDSGRQ1	ACTIVE	WSON	DSG	8	3000	RoHS & Green	SN	Level-2-260C-1 YEAR	-40 to 125	3J2H	Samples
TPS7A2131PQWDSGRQ1	ACTIVE	WSON	DSG	8	3000	RoHS & Green	SN	Level-2-260C-1 YEAR	-40 to 125	3J8H	Samples
TPS7A2133PQWDRBRQ1	ACTIVE	SON	DRB	8	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	A2133P	Samples
TPS7A2133PQWDSGRQ1	ACTIVE	WSON	DSG	8	3000	RoHS & Green	SN	Level-2-260C-1 YEAR	-40 to 125	3J9H	Samples
TPS7A2150PQWDRBRQ1	ACTIVE	SON	DRB	8	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	A2150P	Samples
TPS7A2150PQWDSGRQ1	ACTIVE	WSON	DSG	8	3000	RoHS & Green	SN	Level-2-260C-1 YEAR	-40 to 125	3J3H	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 ≤ 1000 ppm threshold. Antimony trioxide based flame retardants must also meet the ≤ 1000 ppm 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 TPS7A21-Q1 :

- Catalog : [TPS7A21](#)

NOTE: Qualified Version Definitions:

- Catalog - TI's standard catalog product