

## 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
TPS65940400RWERQ1	ACTIVE	VQFNP	RWE	56	2000	RoHS & Green	Call TI   NIPDAU	Level-3-260C-168 HR	-40 to 125	TPS6594 0400-Q1	<a href="#">Samples</a>
TPS6594110BRWERQ1	ACTIVE	VQFNP	RWE	56	2000	RoHS & Green	NIPDAU   NIPDAUAG	Level-3-260C-168 HR	-40 to 125	TPS6594 110B-Q1	<a href="#">Samples</a>
TPS65941111RWERQ1	ACTIVE	VQFNP	RWE	56	2000	RoHS & Green	NIPDAU   NIPDAUAG	Level-3-260C-168 HR	-40 to 125	TPS6594 1111-Q1	<a href="#">Samples</a>
TPS65941120RWERQ1	ACTIVE	VQFNP	RWE	56	2000	RoHS & Green	NIPDAU   NIPDAUAG	Level-3-260C-168 HR	-40 to 125	TPS6594 1120-Q1	<a href="#">Samples</a>
TPS6594120ARWERQ1	ACTIVE	VQFNP	RWE	56	2000	RoHS & Green	NIPDAU   NIPDAUAG	Level-3-260C-168 HR	-40 to 125	TPS6594 120A-Q1	<a href="#">Samples</a>
TPS65941212RWERQ1	ACTIVE	VQFNP	RWE	56	2000	RoHS & Green	NIPDAU   NIPDAUAG	Level-3-260C-168 HR	-40 to 125	TPS6594 1212-Q1	<a href="#">Samples</a>
TPS65941213RWERQ1	ACTIVE	VQFNP	RWE	56	2000	RoHS & Green	Call TI   NIPDAUAG	Level-3-260C-168 HR	-40 to 125	TPS6594 1213-Q1	<a href="#">Samples</a>
TPS65941319RWERQ1	ACTIVE	VQFNP	RWE	56	2000	RoHS & Green	NIPDAU   NIPDAUAG	Level-3-260C-168 HR	-40 to 125	TPS6594 1319-Q1	<a href="#">Samples</a>
TPS6594133ARWERQ1	ACTIVE	VQFNP	RWE	56	2000	RoHS & Green	Call TI   NIPDAU	Level-3-260C-168 HR	-40 to 125	TPS6594 133A-Q1	<a href="#">Samples</a>
TPS6594141BRWERQ1	ACTIVE	VQFNP	RWE	56	2000	RoHS & Green	NIPDAU   NIPDAUAG	Level-3-260C-168 HR	-40 to 125	TPS6594 141B-Q1	<a href="#">Samples</a>
TPS65941421RWERQ1	ACTIVE	VQFNP	RWE	56	2000	RoHS & Green	NIPDAU   NIPDAUAG	Level-3-260C-168 HR	-40 to 125	TPS6594 1421-Q1	<a href="#">Samples</a>
TPS65941515RWERQ1	ACTIVE	VQFNP	RWE	56	2000	RoHS & Green	Call TI   NIPDAU	Level-3-260C-168 HR	-40 to 125	TPS6594 1515-Q1	<a href="#">Samples</a>

(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  $\leq 1000$ ppm threshold. Antimony trioxide based flame retardants must also meet the  $\leq 1000$ ppm threshold requirement.

<sup>(3)</sup> MSL, Peak Temp. - The Moisture Sensitivity Level rating according to the JEDEC industry standard classifications, and peak solder temperature.

<sup>(4)</sup> There may be additional marking, which relates to the logo, the lot trace code information, or the environmental category on the device.

<sup>(5)</sup> 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.

<sup>(6)</sup> 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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