

**PACKAGING INFORMATION**

| Orderable Device   | Status<br>(1) | Package Type | Package Drawing | Pins | Package Qty | Eco Plan<br>(2) | Lead finish/<br>Ball material<br>(6) | MSL Peak Temp<br>(3) | Op Temp (°C) | Device Marking<br>(4/5) | Samples                 |
|--------------------|---------------|--------------|-----------------|------|-------------|-----------------|--------------------------------------|----------------------|--------------|-------------------------|-------------------------|
| TPS65033201RGERQ1  | ACTIVE        | VQFN         | RGE             | 24   | 3000        | RoHS & Green    | NIPDAU   SN                          | Level-3-260C-168 HR  | -40 to 125   | TPS6503<br>3201-Q1      | <a href="#">Samples</a> |
| TPS65033203RGERQ1  | ACTIVE        | VQFN         | RGE             | 24   | 3000        | RoHS & Green    | NIPDAU   SN                          | Level-3-260C-168 HR  | -40 to 125   | TPS6503<br>3203-Q1      | <a href="#">Samples</a> |
| TPS65033205QRGERQ1 | ACTIVE        | VQFN         | RGE             | 24   | 3000        | RoHS & Green    | NIPDAU   SN                          | Level-3-260C-168 HR  | -40 to 125   | TPS6503<br>3205-Q1      | <a href="#">Samples</a> |
| TPS65033206RGERQ1  | ACTIVE        | VQFN         | RGE             | 24   | 3000        | RoHS & Green    | NIPDAU   SN                          | Level-3-260C-168 HR  | -40 to 125   | TPS6503<br>3206-Q1      | <a href="#">Samples</a> |
| TPS65033207RGERQ1  | ACTIVE        | VQFN         | RGE             | 24   | 3000        | RoHS & Green    | NIPDAU   SN                          | Level-3-260C-168 HR  | -40 to 125   | TPS6503<br>3207-Q1      | <a href="#">Samples</a> |
| TPS65033208RGERQ1  | ACTIVE        | VQFN         | RGE             | 24   | 3000        | RoHS & Green    | NIPDAU   SN                          | Level-3-260C-168 HR  | -40 to 125   | TPS6503<br>3208-Q1      | <a href="#">Samples</a> |
| TPS65033209QRGERQ1 | ACTIVE        | VQFN         | RGE             | 24   | 3000        | RoHS & Green    | NIPDAU   SN                          | Level-3-260C-168 HR  | -40 to 125   | TPS6503<br>3209-Q1      | <a href="#">Samples</a> |
| TPS6503320AARGERQ1 | ACTIVE        | VQFN         | RGE             | 24   | 3000        | RoHS & Green    | NIPDAU   SN                          | Level-3-260C-168 HR  | -40 to 125   | TPS6503<br>320AAQ1      | <a href="#">Samples</a> |
| TPS6503320CRGERQ1  | ACTIVE        | VQFN         | RGE             | 24   | 3000        | RoHS & Green    | SN                                   | Level-3-260C-168 HR  | -40 to 125   | TPS6503<br>320C-Q1      | <a href="#">Samples</a> |
| TPS6503320DRGERQ1  | ACTIVE        | VQFN         | RGE             | 24   | 3000        | RoHS & Green    | NIPDAU   SN                          | Level-3-260C-168 HR  | -40 to 125   | TPS6503<br>320D-Q1      | <a href="#">Samples</a> |
| TPS6503320FRGERQ1  | ACTIVE        | VQFN         | RGE             | 24   | 3000        | RoHS & Green    | NIPDAU   SN                          | Level-3-260C-168 HR  | -40 to 125   | TPS6503<br>320F-Q1      | <a href="#">Samples</a> |
| TPS6503320GRGERQ1  | ACTIVE        | VQFN         | RGE             | 24   | 3000        | RoHS & Green    | NIPDAU   SN                          | Level-3-260C-168 HR  | -40 to 125   | TPS6503<br>320G-Q1      | <a href="#">Samples</a> |
| TPS6503320HARGERQ1 | ACTIVE        | VQFN         | RGE             | 24   | 3000        | RoHS & Green    | NIPDAU   SN                          | Level-3-260C-168 HR  | -40 to 125   | TPS6503<br>320HAQ1      | <a href="#">Samples</a> |
| TPS6503320KRGERQ1  | ACTIVE        | VQFN         | RGE             | 24   | 3000        | RoHS & Green    | NIPDAU   SN                          | Level-3-260C-168 HR  | -40 to 125   | TPS6503<br>320K-Q1      | <a href="#">Samples</a> |
| TPS6503320MRGERQ1  | ACTIVE        | VQFN         | RGE             | 24   | 3000        | RoHS & Green    | NIPDAU   SN                          | Level-3-260C-168 HR  | -40 to 125   | TPS6503<br>320M-Q1      | <a href="#">Samples</a> |

<sup>(1)</sup> 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.

<sup>(2)</sup> **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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