

**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                 |
|------------------|---------------|--------------|-----------------|------|-------------|-----------------|--------------------------------------|----------------------|--------------|-------------------------|-------------------------|
| TLV7031DBVR      | ACTIVE        | SOT-23       | DBV             | 5    | 3000        | RoHS & Green    | NIPDAUAG   SN                        | Level-1-260C-UNLIM   | -40 to 125   | 11E2                    | <a href="#">Samples</a> |
| TLV7031DCKR      | ACTIVE        | SC70         | DCK             | 5    | 3000        | RoHS & Green    | NIPDAU   SN                          | Level-2-260C-1 YEAR  | -40 to 125   | 19P                     | <a href="#">Samples</a> |
| TLV7031DCKT      | ACTIVE        | SC70         | DCK             | 5    | 250         | RoHS & Green    | NIPDAU   SN                          | Level-2-260C-1 YEAR  | -40 to 125   | 19P                     | <a href="#">Samples</a> |
| TLV7031DPWR      | ACTIVE        | X2SON        | DPW             | 5    | 3000        | RoHS & Green    | NIPDAU                               | Level-1-260C-UNLIM   | -40 to 125   | 7K                      | <a href="#">Samples</a> |
| TLV7032DDFR      | ACTIVE        | SOT-23-THIN  | DDF             | 8    | 3000        | RoHS & Green    | NIPDAU                               | Level-1-260C-UNLIM   | -40 to 125   | 22KF                    | <a href="#">Samples</a> |
| TLV7032DGKR      | ACTIVE        | VSSOP        | DGK             | 8    | 2500        | RoHS & Green    | NIPDAU   SN<br>  NIPDAUAG            | Level-1-260C-UNLIM   | -40 to 125   | 7032                    | <a href="#">Samples</a> |
| TLV7032DSGR      | ACTIVE        | WSON         | DSG             | 8    | 3000        | RoHS & Green    | NIPDAU                               | Level-1-260C-UNLIM   | -40 to 125   | 1ZXH                    | <a href="#">Samples</a> |
| TLV7034PWR       | ACTIVE        | TSSOP        | PW              | 14   | 2000        | RoHS & Green    | NIPDAU                               | Level-1-260C-UNLIM   | -40 to 125   | TLV7034                 | <a href="#">Samples</a> |
| TLV7034RTER      | ACTIVE        | WQFN         | RTE             | 16   | 3000        | RoHS & Green    | NIPDAU                               | Level-1-260C-UNLIM   | -40 to 125   | TL7034                  | <a href="#">Samples</a> |
| TLV7041DBVR      | ACTIVE        | SOT-23       | DBV             | 5    | 3000        | RoHS & Green    | NIPDAUAG   SN                        | Level-1-260C-UNLIM   | -40 to 125   | 11F2                    | <a href="#">Samples</a> |
| TLV7041DCKR      | ACTIVE        | SC70         | DCK             | 5    | 3000        | RoHS & Green    | NIPDAU   SN                          | Level-2-260C-1 YEAR  | -40 to 125   | 19Q                     | <a href="#">Samples</a> |
| TLV7041DCKT      | ACTIVE        | SC70         | DCK             | 5    | 250         | RoHS & Green    | NIPDAU   SN                          | Level-2-260C-1 YEAR  | -40 to 125   | 19Q                     | <a href="#">Samples</a> |
| TLV7041DPWR      | ACTIVE        | X2SON        | DPW             | 5    | 3000        | RoHS & Green    | NIPDAU                               | Level-1-260C-UNLIM   | -40 to 125   | 7L                      | <a href="#">Samples</a> |
| TLV7042DDFR      | ACTIVE        | SOT-23-THIN  | DDF             | 8    | 3000        | RoHS & Green    | NIPDAU                               | Level-1-260C-UNLIM   | -40 to 125   | 22LF                    | <a href="#">Samples</a> |
| TLV7042DGKR      | ACTIVE        | VSSOP        | DGK             | 8    | 2500        | RoHS & Green    | NIPDAUAG   SN                        | Level-1-260C-UNLIM   | -40 to 125   | 7042                    | <a href="#">Samples</a> |
| TLV7042DSGR      | ACTIVE        | WSON         | DSG             | 8    | 3000        | RoHS & Green    | NIPDAU                               | Level-1-260C-UNLIM   | -40 to 125   | 1ZZH                    | <a href="#">Samples</a> |
| TLV7044PWR       | ACTIVE        | TSSOP        | PW              | 14   | 2000        | RoHS & Green    | NIPDAU                               | Level-1-260C-UNLIM   | -40 to 125   | TLV7044                 | <a href="#">Samples</a> |
| TLV7044RTER      | ACTIVE        | WQFN         | RTE             | 16   | 5000        | RoHS & Green    | NIPDAU                               | Level-1-260C-UNLIM   | -40 to 125   | TL7044                  | <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.

<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 <=1000ppm threshold. Antimony trioxide based flame retardants must also meet the <=1000ppm 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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**OTHER QUALIFIED VERSIONS OF TLV7031, TLV7032, TLV7034, TLV7041, TLV7042, TLV7044 :**

- Automotive : [TLV7031-Q1](#), [TLV7032-Q1](#), [TLV7034-Q1](#), [TLV7041-Q1](#), [TLV7042-Q1](#), [TLV7044-Q1](#)

NOTE: Qualified Version Definitions:

- Automotive - Q100 devices qualified for high-reliability automotive applications targeting zero defects