

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 |
|------------------|---------------|--------------|-----------------|------|-------------|-----------------|--------------------------------------|----------------------|--------------|-------------------------|-------------------------|
| BQ296100DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6100 | Samples |
| BQ296100DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6100 | Samples |
| BQ296103DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6103 | Samples |
| BQ296103DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6103 | Samples |
| BQ296106DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6106 | Samples |
| BQ296106DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6106 | Samples |
| BQ296107DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6107 | Samples |
| BQ296107DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6107 | Samples |
| BQ296111DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-2-260C-1 YEAR | -40 to 110 | 6111 | Samples |
| BQ296111DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6111 | Samples |
| BQ296112DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-2-260C-1 YEAR | -40 to 110 | 6112 | Samples |
| BQ296112DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-2-260C-1 YEAR | -40 to 110 | 6112 | Samples |
| BQ296113DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6113 | Samples |
| BQ296113DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6113 | Samples |
| BQ296114DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6114 | Samples |
| BQ296114DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6114 | Samples |
| BQ296115DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6115 | Samples |
| BQ296202DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6202 | Samples |
| BQ296202DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6202 | Samples |
| BQ296203DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6203 | Samples |

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|------------------|---------------|--------------|-----------------|------|-------------|-----------------|--------------------------------------|----------------------|--------------|-------------------------|-------------------------|
| BQ296203DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6203 | Samples |
| BQ296212DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-2-260C-1 YEAR | -40 to 110 | 6212 | Samples |
| BQ296212DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-2-260C-1 YEAR | -40 to 110 | 6212 | Samples |
| BQ296213DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6213 | Samples |
| BQ296213DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6213 | Samples |
| BQ296215DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6215 | Samples |
| BQ296215DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6215 | Samples |
| BQ296216DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6216 | Samples |
| BQ296216DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6216 | Samples |
| BQ296217DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6217 | Samples |
| BQ296217DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6217 | Samples |
| BQ296221DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-2-260C-1 YEAR | -40 to 110 | 6221 | Samples |
| BQ296221DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6221 | Samples |
| BQ296222DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6222 | Samples |
| BQ296222DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6222 | Samples |
| BQ296223DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6223 | Samples |
| BQ296223DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6223 | Samples |
| BQ296224DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6224 | Samples |
| BQ296224DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6224 | Samples |
| BQ296226DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6226 | Samples |
| BQ296226DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6226 | Samples |

| 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 |
|------------------|---------------|--------------|-----------------|------|-------------|-----------------|--------------------------------------|----------------------|--------------|-------------------------|-------------------------|
| BQ296227DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6227 | Samples |
| BQ296228DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6228 | Samples |
| BQ296228DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6228 | Samples |
| BQ296229DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6229 | Samples |
| BQ296229DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6229 | Samples |
| BQ296230DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6230 | Samples |
| BQ296230DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6230 | Samples |
| BQ296231DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6231 | Samples |
| BQ296231DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6231 | Samples |
| BQ296232DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6232 | Samples |
| BQ296232DSGT | ACTIVE | WSON | DSG | 8 | 250 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6232 | Samples |
| BQ296233DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6233 | Samples |
| BQ296234DSGR | ACTIVE | WSON | DSG | 8 | 3000 | RoHS & Green | NIPDAU | Level-1-260C-UNLIM | -40 to 110 | 6234 | 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 <=1000ppm threshold. Antimony trioxide based flame retardants must also meet the <=1000ppm 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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