

**PACKAGING INFORMATION**

| Orderable Device | Status<br>(1) | Package Type | Package Drawing | Pins | Package Qty | Eco Plan<br>(2)         | Lead/Ball Finish<br>(6) | MSL Peak Temp<br>(3) | Op Temp (°C) | Device Marking<br>(4/5) | Samples                 |
|------------------|---------------|--------------|-----------------|------|-------------|-------------------------|-------------------------|----------------------|--------------|-------------------------|-------------------------|
| OPA171AID        | ACTIVE        | SOIC         | D               | 8    | 75          | Green (RoHS & no Sb/Br) | NIPDAU                  | Level-2-260C-1 YEAR  | -40 to 125   | O171A                   | <a href="#">Samples</a> |
| OPA171AIDBVR     | ACTIVE        | SOT-23       | DBV             | 5    | 3000        | Green (RoHS & no Sb/Br) | NIPDAU                  | Level-2-260C-1 YEAR  | -40 to 125   | OSUI                    | <a href="#">Samples</a> |
| OPA171AIDBVT     | ACTIVE        | SOT-23       | DBV             | 5    | 250         | Green (RoHS & no Sb/Br) | NIPDAU                  | Level-2-260C-1 YEAR  | -40 to 125   | OSUI                    | <a href="#">Samples</a> |
| OPA171AIDR       | ACTIVE        | SOIC         | D               | 8    | 2500        | Green (RoHS & no Sb/Br) | NIPDAU                  | Level-2-260C-1 YEAR  | -40 to 125   | O171A                   | <a href="#">Samples</a> |
| OPA171AIDRLR     | ACTIVE        | SOT-5X3      | DRL             | 5    | 4000        | Green (RoHS & no Sb/Br) | NIPDAUAG                | Level-1-260C-UNLIM   | -40 to 125   | DAP                     | <a href="#">Samples</a> |
| OPA171AIDRLT     | ACTIVE        | SOT-5X3      | DRL             | 5    | 250         | Green (RoHS & no Sb/Br) | NIPDAUAG                | Level-1-260C-UNLIM   | -40 to 125   | DAP                     | <a href="#">Samples</a> |
| OPA2171AID       | ACTIVE        | SOIC         | D               | 8    | 75          | Green (RoHS & no Sb/Br) | NIPDAU                  | Level-2-260C-1 YEAR  | -40 to 125   | 2171A                   | <a href="#">Samples</a> |
| OPA2171AIDCUR    | ACTIVE        | VSSOP        | DCU             | 8    | 3000        | Green (RoHS & no Sb/Br) | NIPDAU                  | Level-1-260C-UNLIM   | -40 to 125   | OPOC                    | <a href="#">Samples</a> |
| OPA2171AIDCUT    | ACTIVE        | VSSOP        | DCU             | 8    | 250         | Green (RoHS & no Sb/Br) | NIPDAU                  | Level-1-260C-UNLIM   | -40 to 125   | OPOC                    | <a href="#">Samples</a> |
| OPA2171AIDGK     | ACTIVE        | VSSOP        | DGK             | 8    | 80          | Green (RoHS & no Sb/Br) | NIPDAUAG                | Level-2-260C-1 YEAR  | -40 to 125   | OPMI                    | <a href="#">Samples</a> |
| OPA2171AIDGKR    | ACTIVE        | VSSOP        | DGK             | 8    | 2500        | Green (RoHS & no Sb/Br) | NIPDAUAG                | Level-2-260C-1 YEAR  | -40 to 125   | OPMI                    | <a href="#">Samples</a> |
| OPA2171AIDR      | ACTIVE        | SOIC         | D               | 8    | 2500        | Green (RoHS & no Sb/Br) | NIPDAU                  | Level-2-260C-1 YEAR  | -40 to 125   | 2171A                   | <a href="#">Samples</a> |
| OPA4171AID       | ACTIVE        | SOIC         | D               | 14   | 50          | Green (RoHS & no Sb/Br) | NIPDAU                  | Level-3-260C-168 HR  | -40 to 125   | OPA4171                 | <a href="#">Samples</a> |
| OPA4171AIDR      | ACTIVE        | SOIC         | D               | 14   | 2500        | Green (RoHS & no Sb/Br) | NIPDAU                  | Level-3-260C-168 HR  | -40 to 125   | OPA4171                 | <a href="#">Samples</a> |
| OPA4171AIPW      | ACTIVE        | TSSOP        | PW              | 14   | 90          | Green (RoHS & no Sb/Br) | NIPDAU                  | Level-2-260C-1 YEAR  | -40 to 125   | OPA4171                 | <a href="#">Samples</a> |
| OPA4171AIPWR     | ACTIVE        | TSSOP        | PW              | 14   | 2000        | Green (RoHS & no Sb/Br) | NIPDAU                  | Level-2-260C-1 YEAR  | -40 to 125   | OPA4171                 | <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.

**OBSELETE:** 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/Ball Finish - Orderable Devices may have multiple material finish options. Finish options are separated by a vertical ruled line. Lead/Ball Finish values may wrap to two lines if the finish value exceeds the maximum column width.

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**OTHER QUALIFIED VERSIONS OF OPA171, OPA2171, OPA4171 :**

● Automotive: [OPA171-Q1](#), [OPA2171-Q1](#), [OPA4171-Q1](#)

● Enhanced Product: [OPA2171-EP](#)

NOTE: Qualified Version Definitions:

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

- Enhanced Product - Supports Defense, Aerospace and Medical Applications