### MULTI-PORT PRODUCTS

#### Ordering Information

**Package Description Table**

<table>
<thead>
<tr>
<th>IDT ID</th>
<th>Abbr.</th>
<th>Description</th>
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<th>Abbr.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>Sid</td>
<td>Ceramic Dual In-line Package</td>
<td>BG</td>
<td>PBGA</td>
<td>Plastic Ball Grid Array</td>
</tr>
<tr>
<td>F</td>
<td>Flat</td>
<td>Ceramic Flat Package</td>
<td>F</td>
<td>PFF</td>
<td>Plastic Dual In-line Package</td>
</tr>
<tr>
<td>CL</td>
<td>CLCC</td>
<td>Ceramic Leadless Chip Carrier</td>
<td>J</td>
<td>PLCC</td>
<td>Plastic Loaded Chip Carrier</td>
</tr>
<tr>
<td>L</td>
<td>LCC</td>
<td>Ceramic Leadless Chip Carrier</td>
<td>DR</td>
<td>PQFP</td>
<td>Plastic Quad Flat Package</td>
</tr>
<tr>
<td>G</td>
<td>CGA</td>
<td>Ceramic Quad Grid Array</td>
<td>CF</td>
<td>FQFP</td>
<td>Plastic Quad Flat Package</td>
</tr>
<tr>
<td>BC</td>
<td>CABGA</td>
<td>Chip Array Ball Grid Array</td>
<td>DD</td>
<td>TQFP</td>
<td>Thin Quad Flat Package</td>
</tr>
<tr>
<td>EY</td>
<td>VCBOA</td>
<td>Chip Array Very Thin Ball Grid Array</td>
<td>FF</td>
<td>TQFP</td>
<td>Thin Quad Flat Package</td>
</tr>
<tr>
<td>EF</td>
<td>FFBGA</td>
<td>Fine Pitch Ball Grid Array</td>
<td>FRF</td>
<td>TQFP</td>
<td>Thin Quad Flat Package</td>
</tr>
<tr>
<td>G</td>
<td>PGA</td>
<td>Fine Grid Array</td>
<td>TF</td>
<td>TQFP</td>
<td>Thin Quad Flat Package</td>
</tr>
</tbody>
</table>

#### Part Number Description

- **A** = Alpha character
- **N** = Numeric character

- **Shipping Type** Optional 8 suffix at end of part number indicates Tape & Reel packaging
  - 8 = Tape & Reel
  - Blank = Tube or Trays

- **Temperature**
  - None: Commercial 0°C to +70°C
  - I: Industrial -40°C to +85°C
  - B: Military -55°C to +125°C, compliant to MIL PRF 38535

- **Green**
  - None = Standard Packaging
  - G = Green packaging

- **Package** See package description table above.

- **Speed** Guaranteed minimum performance measured in nanoseconds or MHz

- **Power**
  - S = Standard power
  - L = Low power

- **Device Type** Refer to current datasheet

- **Voltage**
  - None = 5.0 V
  - V = 3.3 V
  - T = 2.5 V
  - P = 1.8 V

- **Product Family**
  - 70
  - 71