

## PACKAGING INFORMATION

Orderable part number	Status (1)	Material type (2)	Package   Pins	Package qty   Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
<a href="#">OPA2322AID</a>	Active	Production	SOIC (D)   8	75   TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	O2322A
OPA2322AID.A	Active	Production	SOIC (D)   8	75   TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	O2322A
<a href="#">OPA2322AIDGKR</a>	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI   Nipdauag   Nipdau	Level-2-260C-1 YEAR	-40 to 125	OOZI
OPA2322AIDGKR.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OOZI
OPA2322AIDGKRG4	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OOZI
OPA2322AIDGKRG4.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OOZI
<a href="#">OPA2322AIDGKT</a>	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI   Nipdauag   Nipdau	Level-2-260C-1 YEAR	-40 to 125	OOZI
OPA2322AIDGKT.A	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OOZI
<a href="#">OPA2322AIDR</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	O2322A
OPA2322AIDR.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	O2322A
OPA2322AIDRG4	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	O2322A
OPA2322AIDRG4.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	O2322A
<a href="#">OPA2322AIDRGR</a>	Active	Production	SON (DRG)   8	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OPCI
OPA2322AIDRGR.A	Active	Production	SON (DRG)   8	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OPCI
OPA2322AIDRGRG4	Active	Production	SON (DRG)   8	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OPCI
OPA2322AIDRGRG4.A	Active	Production	SON (DRG)   8	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OPCI
<a href="#">OPA2322AIDRGT</a>	Active	Production	SON (DRG)   8	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OPCI
OPA2322AIDRGT.A	Active	Production	SON (DRG)   8	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OPCI
<a href="#">OPA2322SAIDGSR</a>	Active	Production	VSSOP (DGS)   10	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OPBI
OPA2322SAIDGSR.A	Active	Production	VSSOP (DGS)   10	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OPBI
<a href="#">OPA2322SAIDGST</a>	Active	Production	VSSOP (DGS)   10	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OPBI
OPA2322SAIDGST.A	Active	Production	VSSOP (DGS)   10	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OPBI
OPA2322SAIDGSTG4	Active	Production	VSSOP (DGS)   10	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OPBI
OPA2322SAIDGSTG4.A	Active	Production	VSSOP (DGS)   10	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	OPBI
<a href="#">OPA322AIDBVR</a>	Active	Production	SOT-23 (DBV)   5	3000   LARGE T&R	Yes	NIPDAU   SN	Level-2-260C-1 YEAR	-40 to 125	RAD
OPA322AIDBVR.A	Active	Production	SOT-23 (DBV)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	RAD
OPA322AIDBVRG4	Active	Production	SOT-23 (DBV)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	RAD
OPA322AIDBVRG4.A	Active	Production	SOT-23 (DBV)   5	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	RAD

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<a href="#">OPA322AIDBVT</a>	Active	Production	SOT-23 (DBV)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	RAD
OPA322AIDBVT.A	Active	Production	SOT-23 (DBV)   5	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	RAD
<a href="#">OPA322SAIDBVR</a>	Active	Production	SOT-23 (DBV)   6	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	RAF
OPA322SAIDBVR.A	Active	Production	SOT-23 (DBV)   6	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	RAF
OPA322SAIDBVRG4	Active	Production	SOT-23 (DBV)   6	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	RAF
OPA322SAIDBVRG4.A	Active	Production	SOT-23 (DBV)   6	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	RAF
<a href="#">OPA322SAIDBVT</a>	Active	Production	SOT-23 (DBV)   6	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	RAF
OPA322SAIDBVT.A	Active	Production	SOT-23 (DBV)   6	250   SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	RAF
<a href="#">OPA4322AIPW</a>	Active	Production	TSSOP (PW)   14	90   TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	O4322A
OPA4322AIPW.A	Active	Production	TSSOP (PW)   14	90   TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	O4322A
<a href="#">OPA4322AIPWR</a>	Active	Production	TSSOP (PW)   14	2000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	O4322A
OPA4322AIPWR.A	Active	Production	TSSOP (PW)   14	2000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	O4322A
<a href="#">OPA4322SAIPW</a>	Active	Production	TSSOP (PW)   16	90   TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	O4322SA
OPA4322SAIPW.A	Active	Production	TSSOP (PW)   16	90   TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	O4322SA
<a href="#">OPA4322SAIPWR</a>	Active	Production	TSSOP (PW)   16	2000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	O4322SA
OPA4322SAIPWR.A	Active	Production	TSSOP (PW)   16	2000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	O4322SA

<sup>(1)</sup> **Status:** For more details on status, see our [product life cycle](#).

<sup>(2)</sup> **Material type:** When designated, preproduction parts are prototypes/experimental devices, and are not yet approved or released for full production. Testing and final process, including without limitation quality assurance, reliability performance testing, and/or process qualification, may not yet be complete, and this item is subject to further changes or possible discontinuation. If available for ordering, purchases will be subject to an additional waiver at checkout, and are intended for early internal evaluation purposes only. These items are sold without warranties of any kind.

<sup>(3)</sup> **RoHS values:** Yes, No, RoHS Exempt. See the [TI RoHS Statement](#) for additional information and value definition.

<sup>(4)</sup> **Lead finish/Ball material:** Parts 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.

<sup>(5)</sup> **MSL rating/Peak reflow:** The moisture sensitivity level ratings and peak solder (reflow) temperatures. In the event that a part has multiple moisture sensitivity ratings, only the lowest level per JEDEC standards is shown. Refer to the shipping label for the actual reflow temperature that will be used to mount the part to the printed circuit board.

<sup>(6)</sup> **Part marking:** There may be an additional marking, which relates to the logo, the lot trace code information, or the environmental category of the part.

Multiple part markings will be inside parentheses. Only one part marking contained in parentheses and separated by a "~" will appear on a part. If a line is indented then it is a continuation of the previous line and the two combined represent the entire part marking for that device.

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**OTHER QUALIFIED VERSIONS OF OPA2322, OPA322, OPA4322 :**

- Automotive : [OPA2322-Q1](#), [OPA322-Q1](#), [OPA4322-Q1](#)

NOTE: Qualified Version Definitions:

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