

**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="#">OPA2241PA</a>	Active	Production	PDIP (P)   8	50   TUBE	Yes	NIPDAU	N/A for Pkg Type	-40 to 85	OPA2241PA
OPA2241PA.A	Active	Production	PDIP (P)   8	50   TUBE	Yes	NIPDAU	N/A for Pkg Type	-40 to 85	OPA2241PA
OPA2241PAG4	Active	Production	PDIP (P)   8	50   TUBE	Yes	NIPDAU	N/A for Pkg Type	-40 to 85	OPA2241PA
<a href="#">OPA2241UA</a>	Obsolete	Production	SOIC (D)   8	-	-	Call TI	Call TI	-40 to 85	OPA 2241UA
<a href="#">OPA2241UA/2K5</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	OPA 2241UA
OPA2241UA/2K5.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	OPA 2241UA
OPA2241UA/2K5.B	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	OPA 2241UA
<a href="#">OPA2251PA</a>	Active	Production	PDIP (P)   8	50   TUBE	Yes	NIPDAU	N/A for Pkg Type	-40 to 85	OPA2251PA
OPA2251PA.A	Active	Production	PDIP (P)   8	50   TUBE	Yes	NIPDAU	N/A for Pkg Type	-40 to 85	OPA2251PA
OPA2251PAG4	Active	Production	PDIP (P)   8	50   TUBE	Yes	NIPDAU	N/A for Pkg Type	-40 to 85	OPA2251PA
<a href="#">OPA2251UA</a>	Obsolete	Production	SOIC (D)   8	-	-	Call TI	Call TI	-40 to 85	OPA 2251UA
<a href="#">OPA2251UA/2K5</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	OPA 2251UA
OPA2251UA/2K5.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	OPA 2251UA
OPA2251UA/2K5.B	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	OPA 2251UA
<a href="#">OPA241PA</a>	Last Time Buy	Production	PDIP (P)   8	50   TUBE	Yes	NIPDAU	N/A for Pkg Type	-	OPA241PA
OPA241PA.A	NRND	Production	PDIP (P)   8	50   TUBE	Yes	NIPDAU	N/A for Pkg Type	-40 to 85	OPA241PA
<a href="#">OPA241UA</a>	Obsolete	Production	SOIC (D)   8	-	-	Call TI	Call TI	-40 to 85	OPA 241UA
<a href="#">OPA241UA/2K5</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	OPA 241UA
OPA241UA/2K5.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	OPA 241UA

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)
OPA241UA/2K5.B	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	OPA 241UA
<a href="#">OPA251UA</a>	Obsolete	Production	SOIC (D)   8	-	-	Call TI	Call TI	-40 to 85	OPA 251UA
<a href="#">OPA251UA/2K5</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	OPA 251UA
OPA251UA/2K5.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	OPA 251UA
OPA251UA/2K5.B	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	OPA 251UA
<a href="#">OPA4241PA</a>	Active	Production	PDIP (N)   14	25   TUBE	Yes	NIPDAU	N/A for Pkg Type	-40 to 85	OPA4241PA
OPA4241PA.A	Active	Production	PDIP (N)   14	25   TUBE	Yes	NIPDAU	N/A for Pkg Type	-40 to 85	OPA4241PA
<a href="#">OPA4241UA</a>	Active	Production	SOIC (D)   14	50   TUBE	Yes	NIPDAUAG	Level-3-260C-168 HR	-40 to 85	OPA4241UA
OPA4241UA.A	Active	Production	SOIC (D)   14	50   TUBE	Yes	NIPDAUAG	Level-3-260C-168 HR	-40 to 85	OPA4241UA
<a href="#">OPA4241UA/2K5</a>	Active	Production	SOIC (D)   14	2500   LARGE T&R	Yes	NIPDAUAG	Level-3-260C-168 HR	-40 to 85	OPA4241UA
OPA4241UA/2K5.A	Active	Production	SOIC (D)   14	2500   LARGE T&R	Yes	NIPDAUAG	Level-3-260C-168 HR	-40 to 85	OPA4241UA
<a href="#">OPA4251UA</a>	Active	Production	SOIC (D)   14	50   TUBE	Yes	NIPDAUAG	Level-3-260C-168 HR	-40 to 85	OPA4251UA
OPA4251UA.A	Active	Production	SOIC (D)   14	50   TUBE	Yes	NIPDAUAG	Level-3-260C-168 HR	-40 to 85	OPA4251UA
<a href="#">OPA4251UA/2K5</a>	Active	Production	SOIC (D)   14	2500   LARGE T&R	Yes	NIPDAUAG	Level-3-260C-168 HR	-40 to 85	OPA4251UA
OPA4251UA/2K5.A	Active	Production	SOIC (D)   14	2500   LARGE T&R	Yes	NIPDAUAG	Level-3-260C-168 HR	-40 to 85	OPA4251UA

<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.

**(6) 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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