

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)
TMS320C6745DPTP3	Active	Production	HLQFP (PTP) 176	40 JEDEC TRAY (5+1)	Yes	Call TI	Level-4-260C-72 HR	0 to 90	TMS320 C6745DPTP3
TMS320C6745DPTP3.B	Active	Production	HLQFP (PTP) 176	40 JEDEC TRAY (5+1)	Yes	Call TI	Level-4-260C-72 HR	-40 to 125	TMS320 C6745DPTP3
TMS320C6745DPTP4	Active	Production	HLQFP (PTP) 176	40 JEDEC TRAY (5+1)	Yes	Call TI	Level-4-260C-72 HR	-40 to 125	TMS320 C6745DPTP4
TMS320C6745DPTP4.B	Active	Production	HLQFP (PTP) 176	40 JEDEC TRAY (5+1)	Yes	Call TI	Level-4-260C-72 HR	-40 to 125	TMS320 C6745DPTP4
TMS320C6745DPTPA3	Active	Production	HLQFP (PTP) 176	40 JEDEC TRAY (5+1)	Yes	Call TI	Level-4-260C-72 HR	-40 to 105	TMS320 C6745DPTPA3
TMS320C6745DPTPA3.B	Active	Production	HLQFP (PTP) 176	40 JEDEC TRAY (5+1)	Yes	Call TI	Level-4-260C-72 HR	-40 to 125	TMS320 C6745DPTPA3
TMS320C6745DPTPD4	Active	Production	HLQFP (PTP) 176	40 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-4-260C-72 HR	-40 to 90	TMS320 C6745DPTPD4
TMS320C6745DPTPD4.B	Active	Production	HLQFP (PTP) 176	40 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-4-260C-72 HR	-40 to 125	TMS320 C6745DPTPD4
TMS320C6745DPTPT3	Active	Production	HLQFP (PTP) 176	40 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-4-260C-72 HR	-40 to 125	TMS320 C6745DPTPT3
TMS320C6745DPTPT3.B	Active	Production	HLQFP (PTP) 176	40 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-4-260C-72 HR	-40 to 125	TMS320 C6745DPTPT3
TMS320C6747DZKB3	Active	Production	BGA (ZKB) 256	90 JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	0 to 90	TMS320 C6747DZKB3
TMS320C6747DZKB3.B	Active	Production	BGA (ZKB) 256	90 JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	0 to 90	TMS320 C6747DZKB3
TMS320C6747DZKB4	Active	Production	BGA (ZKB) 256	90 JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-	TMS320 C6747DZKB4
TMS320C6747DZKB4.B	Active	Production	BGA (ZKB) 256	90 JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 125	TMS320 C6747DZKB4
TMS320C6747DZKBA3	Active	Production	BGA (ZKB) 256	90 JEDEC TRAY (5+1)	Yes	Call TI	Level-3-260C-168 HR	-40 to 105	TMS320 C6747DZKBA3
TMS320C6747DZKBA3.B	Active	Production	BGA (ZKB) 256	90 JEDEC TRAY (5+1)	Yes	Call TI	Level-3-260C-168 HR	-40 to 105	TMS320 C6747DZKBA3

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TMS320C6747DZKBD4	Active	Production	BGA (ZKB) 256	90 JEDEC TRAY (5+1)	Yes	Call TI	Level-3-260C-168 HR	-40 to 90	TMS320 C6747DZKBD4
TMS320C6747DZKBD4.B	Active	Production	BGA (ZKB) 256	90 JEDEC TRAY (5+1)	Yes	Call TI	Level-3-260C-168 HR	-40 to 90	TMS320 C6747DZKBD4
TMS320C6747DZKBT3	Active	Production	BGA (ZKB) 256	90 JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 125	TMS320 C6747DZKBT3
TMS320C6747DZKBT3.B	Active	Production	BGA (ZKB) 256	90 JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 125	TMS320 C6747DZKBT3

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

⁽²⁾ **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.

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

⁽⁴⁾ **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.

⁽⁵⁾ **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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