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)
TMS320C28341ZAYT	Active	Production	NFBGA (ZAY) | 179	160 | EIAJ TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS320 C28341ZAYT
TMS320C28341ZAYT.Z	Active	Production	NFBGA (ZAY) | 179	160 | EIAJ TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS320 C28341ZAYT
TMS320C28342ZFET	Active	Production	BGA (ZFE) | 256	90 | JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS 320C28342ZFET
TMS320C28342ZFET.Z	Active	Production	BGA (ZFE) | 256	90 | JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS 320C28342ZFET
TMS320C28343ZAYT	Active	Production	NFBGA (ZAY) | 179	160 | JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS320 C28343ZAYT
TMS320C28343ZAYT.Z	Active	Production	NFBGA (ZAY) | 179	160 | JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS320 C28343ZAYT
TMS320C28343ZFEQ	Active	Production	BGA (ZFE) | 256	90 | JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 125	TMS 320C28343ZFEQ
TMS320C28344ZFET	Active	Production	BGA (ZFE) | 256	90 | JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS 320C28344ZFET
TMS320C28344ZFET.Z	Active	Production	BGA (ZFE) | 256	90 | JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS 320C28344ZFET
TMS320C28345ZAYT	Active	Production	NFBGA (ZAY) | 179	160 | EIAJ TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS320 C28345ZAYT
TMS320C28345ZAYT.Z	Active	Production	NFBGA (ZAY) | 179	160 | EIAJ TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS320 C28345ZAYT
TMS320C28345ZFET	Active	Production	BGA (ZFE) | 256	90 | JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS 320C28345ZFET
TMS320C28345ZFET.Z	Active	Production	BGA (ZFE) | 256	90 | JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS 320C28345ZFET
TMS320C28346ZFEQ	Active	Production	BGA (ZFE) | 256	90 | JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 125	TMS 320C28346ZFEQ
TMS320C28346ZFEQ.Z	Active	Production	BGA (ZFE) | 256	90 | JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 125	TMS 320C28346ZFEQ
TMS320C28346ZFET	Active	Production	BGA (ZFE) | 256	90 | JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS 320C28346ZFET

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)
TMS320C28346ZFET.Z	Active	Production	BGA (ZFE) | 256	90 | JEDEC TRAY (5+1)	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS 320C28346ZFET
TMS320C28346ZFETR	Active	Production	BGA (ZFE) | 256	750 | LARGE T&R	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS320 C28346ZFET
TMS320C28346ZFETR.Z	Active	Production	BGA (ZFE) | 256	750 | LARGE T&R	Yes	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS320 C28346ZFET

(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.

OTHER QUALIFIED VERSIONS OF TMS320C28343, TMS320C28343-Q1, TMS320C28346, TMS320C28346-Q1 :

- Catalog : TMS320C28343, TMS320C28346
- Automotive : TMS320C28343-Q1, TMS320C28346-Q1

NOTE: Qualified Version Definitions:

- Catalog - TI's standard catalog product
- Automotive - Q100 devices qualified for high-reliability automotive applications targeting zero defects