PACKAGING INFORMATION

Orderable Device	Status (1)	Package Type	Package Drawing	Pins	Package Qty	Eco Plan (2)	Lead finish/ Ball material (6)	MSL Peak Temp (3)	Op Temp (°C)	Device Marking (4/5)	Samples
TMS320F28374SPTPS	ACTIVE	HLQFP	PTP	176	40	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	TMS320 F28374SPTPS	Samples
TMS320F28374SPTPSR	ACTIVE	HLQFP	PTP	176	200	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	TMS320 F28374SPTPS	Samples
TMS320F28374SPTPT	ACTIVE	HLQFP	PTP	176	40	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 105	TMS320 F28374SPTPT	Samples
TMS320F28374SPZPS	ACTIVE	HTQFP	PZP	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	TMS320 F28374SPZPS	Samples
TMS320F28374SPZPT	ACTIVE	HTQFP	PZP	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 105	TMS320 F28374SPZPT	Samples
TMS320F28374SZWTS	ACTIVE	NFBGA	ZWT	337	90	RoHS & Green	SNAGCU	Level-3-260C-168 HR	-40 to 125	TMS320 F28374SZWTS	Samples
TMS320F28374SZWTT	ACTIVE	NFBGA	ZWT	337	90	RoHS & Green	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS320 F28374SZWTT	Samples
TMS320F28374SZWTTR	ACTIVE	NFBGA	ZWT	337	1000	RoHS & Green	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS320 F28374SZWTT	Samples
TMS320F28375SPTPS	ACTIVE	HLQFP	PTP	176	40	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	TMS320 F28375SPTPS	Samples
TMS320F28375SPTPT	ACTIVE	HLQFP	PTP	176	40	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 105	TMS320 F28375SPTPT	Samples
TMS320F28375SPZPQ	ACTIVE	HTQFP	PZP	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	TMS320 F28375SPZPQ	Samples
TMS320F28375SPZPQR	ACTIVE	HTQFP	PZP	100	1000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	TMS320 F28375SPZPQ	Samples
TMS320F28375SPZPS	ACTIVE	HTQFP	PZP	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	TMS320 F28375SPZPS	Samples
TMS320F28375SPZPT	ACTIVE	HTQFP	PZP	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 105	TMS320 F28375SPZPT	Samples
TMS320F28375SZWTS	ACTIVE	NFBGA	ZWT	337	90	RoHS & Green	SNAGCU	Level-3-260C-168 HR	-40 to 125	TMS320 F28375SZWTS	Samples
TMS320F28375SZWTT	ACTIVE	NFBGA	ZWT	337	90	RoHS & Green	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS320 F28375SZWTT	Samples
TMS320F28376SPTPT	ACTIVE	HLQFP	PTP	176	40	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 105	TMS320	Samples

Orderable Device	Status (1)	Package Type	Package Drawing	Pins	Package Qty	Eco Plan (2)	Lead finish/ Ball material (6)	MSL Peak Temp (3)	Op Temp (°C)	Device Marking (4/5)	Samples
										F28376SPTPT	
TMS320F28376SPZPS	ACTIVE	HTQFP	PZP	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	TMS320 F28376SPZPS	Samples
TMS320F28376SPZPT	ACTIVE	HTQFP	PZP	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 105	TMS320 F28376SPZPT	Samples
TMS320F28376SZWTS	ACTIVE	NFBGA	ZWT	337	90	RoHS & Green	SNAGCU	Level-3-260C-168 HR	-40 to 125	TMS320 F28376SZWTS	Samples
TMS320F28376SZWTT	ACTIVE	NFBGA	ZWT	337	90	RoHS & Green	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS320 F28376SZWTT	Samples
TMS320F28377SPTPQ	ACTIVE	HLQFP	PTP	176	40	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	TMS320 F28377SPTPQ	Samples
TMS320F28377SPTPS	ACTIVE	HLQFP	PTP	176	40	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	TMS320 F28377SPTPS	Samples
TMS320F28377SPTPT	ACTIVE	HLQFP	PTP	176	40	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 105	TMS320 F28377SPTPT	Samples
TMS320F28377SPZPQ	ACTIVE	HTQFP	PZP	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	TMS320 F28377SPZPQ	Samples
TMS320F28377SPZPS	ACTIVE	HTQFP	PZP	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	TMS320 F28377SPZPS	Samples
TMS320F28377SPZPT	ACTIVE	HTQFP	PZP	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 105	TMS320 F28377SPZPT	Samples
TMS320F28377SZWTQ	ACTIVE	NFBGA	ZWT	337	90	RoHS & Green	SNAGCU	Level-3-260C-168 HR	-40 to 125	TMS320 F28377SZWTQ	Samples
TMS320F28377SZWTS	ACTIVE	NFBGA	ZWT	337	90	RoHS & Green	SNAGCU	Level-3-260C-168 HR	-40 to 125	TMS320 F28377SZWTS	Samples
TMS320F28377SZWTT	ACTIVE	NFBGA	ZWT	337	90	RoHS & Green	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS320 F28377SZWTT	Samples
TMS320F28378SPTPS	ACTIVE	HLQFP	PTP	176	40	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	TMS320 F28378SPTPS	Samples
TMS320F28378SPZPS	ACTIVE	HTQFP	PZP	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	TMS320 F28378SPZPS	Samples
TMS320F28379SPTPS	ACTIVE	HLQFP	PTP	176	40	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	TMS320 F28379SPTPS	Samples
TMS320F28379SPTPT	ACTIVE	HLQFP	PTP	176	40	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 105	TMS320 F28379SPTPT	Samples

Orderable Device	Status (1)	Package Type	Package Drawing	Pins	Package Qty	Eco Plan (2)	Lead finish/ Ball material (6)	MSL Peak Temp (3)	Op Temp (°C)	Device Marking (4/5)	Samples
TMS320F28379SPZPS	ACTIVE	HTQFP	PZP	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	TMS320 F28379SPZPS	Samples
TMS320F28379SPZPT	ACTIVE	HTQFP	PZP	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 105	TMS320 F28379SPZPT	Samples
TMS320F28379SZWTS	ACTIVE	NFBGA	ZWT	337	90	RoHS & Green	SNAGCU	Level-3-260C-168 HR	-40 to 125	TMS320 F28379SZWTS	Samples
TMS320F28379SZWTT	ACTIVE	NFBGA	ZWT	337	90	RoHS & Green	SNAGCU	Level-3-260C-168 HR	-40 to 105	TMS320 F28379SZWTT	Samples

(1) The marketing status values are defined as follows:
ACTIVE: Product device recommended for new designs.
LIFEBUY: TI has announced that the device will be discontinued, and a lifetime-buy period is in effect.
NRND: Not recommended for new designs. Device is in production to support existing customers, but TI does not recommend using this part in a new design.
PREVIEW: Device has been announced but is not in production. Samples may or may not be available.
OBSOLETE: TI has discontinued the production of the device.

(2) **RoHS:** TI defines "RoHS" to mean semiconductor products that are compliant with the current EU RoHS requirements for all 10 RoHS substances, including the requirement that RoHS substance do not exceed 0.1% by weight in homogeneous materials. Where designed to be soldered at high temperatures, "RoHS" products are suitable for use in specified lead-free processes. TI may reference these types of products as "Pb-Free".
RoHS Exempt: TI defines "RoHS Exempt" to mean products that contain lead but are compliant with EU RoHS pursuant to a specific EU RoHS exemption.
Green: TI defines "Green" to mean the content of Chlorine (Cl) and Bromine (Br) based flame retardants meet JS709B low halogen requirements of <=1000ppm threshold. Antimony trioxide based flame retardants must also meet the <=1000ppm threshold requirement.

(3) MSL, Peak Temp. - The Moisture Sensitivity Level rating according to the JEDEC industry standard classifications, and peak solder temperature.

(4) There may be additional marking, which relates to the logo, the lot trace code information, or the environmental category on the device.

(5) Multiple Device Markings will be inside parentheses. Only one Device Marking contained in parentheses and separated by a "~" will appear on a device. If a line is indented then it is a continuation of the previous line and the two combined represent the entire Device Marking for that device.

(6) Lead finish/Ball material - Orderable Devices 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.

In no event shall TI's liability arising out of such information exceed the total purchase price of the TI part(s) at issue in this document sold by TI to Customer on an annual basis.

OTHER QUALIFIED VERSIONS OF TMS320F28375S, TMS320F28375S-Q1, TMS320F28377S, TMS320F28377S-Q1 :

- Catalog : TMS320F28375S, TMS320F28377S
- Automotive : TMS320F28375S-Q1, TMS320F28377S-Q1

NOTE: Qualified Version Definitions:

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