

## TAPE AND REEL INFORMATION



### QUADRANT ASSIGNMENTS FOR PIN 1 ORIENTATION IN TAPE



\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
TMS320F28062PFPQR	HTQFP	PFP	80	1000	330.0	24.4	15.0	15.0	1.5	20.0	24.0	Q2
TMS320F28069FPZTR	LQFP	PZ	100	1000	330.0	32.4	16.9	16.9	2.0	24.0	32.0	Q2

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
TMS320F28062PFPQR	HTQFP	PFP	80	1000	367.0	367.0	55.0
TMS320F28069FPZTR	LQFP	PZ	100	1000	367.0	367.0	55.0

**TRAY**


Chamfer on Tray corner indicates Pin 1 orientation of packed units.

\*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	Unit array matrix	Max temperature (°C)	L (mm)	W (mm)	K0 (µm)	P1 (mm)	CL (mm)	CW (mm)
TMS320F28062FPFPQ	PFP	HTQFP	80	96	6 x 16	150	315	135.9	7620	18.7	17.25	18.3
TMS320F28062FPNT	PN	LQFP	80	119	7 X 17	150	315	135.9	7620	17.9	14.3	13.95
TMS320F28062FPZT	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
TMS320F28062PFPQ	PFP	HTQFP	80	96	6 x 16	150	315	135.9	7620	18.7	17.25	18.3
TMS320F28062PFPSP	PFP	HTQFP	80	96	6 x 16	150	315	135.9	7620	18.7	17.25	18.3
TMS320F28062PNT	PN	LQFP	80	119	7 X 17	150	315	135.9	7620	17.9	14.3	13.95
TMS320F28062PZPQ	PZP	HTQFP	100	90	6 X 15	150	315	135.9	7620	15.4	20.3	21
TMS320F28062PZPS	PZP	HTQFP	100	90	6 X 15	150	315	135.9	7620	15.4	20.3	21
TMS320F28062PZT	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
TMS320F28062UPNT	PN	LQFP	80	119	7 X 17	150	315	135.9	7620	17.9	14.3	13.95
TMS320F28062UPZT	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
TMS320F28063PNT	PN	LQFP	80	119	7 X 17	150	315	135.9	7620	17.9	14.3	13.95
TMS320F28063PZT	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
TMS320F28064PZT	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
TMS320F28065PFPSP	PFP	HTQFP	80	96	6 x 16	150	315	135.9	7620	18.7	17.25	18.3
TMS320F28065PNT	PN	LQFP	80	119	7 X 17	150	315	135.9	7620	17.9	14.3	13.95
TMS320F28065PZPS	PZP	HTQFP	100	90	6 X 15	150	315	135.9	7620	15.4	20.3	21

Device	Package Name	Package Type	Pins	SPQ	Unit array matrix	Max temperature (°C)	L (mm)	W (mm)	K0 (µm)	P1 (mm)	CL (mm)	CW (mm)
TMS320F28065PZT	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
TMS320F28065UPZT	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
TMS320F28066PFPQ	PFP	HTQFP	80	96	6 x 16	150	315	135.9	7620	18.7	17.25	18.3
TMS320F28066PFPS	PFP	HTQFP	80	96	6 x 16	150	315	135.9	7620	18.7	17.25	18.3
TMS320F28066PNT	PN	LQFP	80	119	7 X 17	150	315	135.9	7620	17.9	14.3	13.95
TMS320F28066PZPQ	PZP	HTQFP	100	90	6 X 15	150	315	135.9	7620	15.4	20.3	21
TMS320F28066PZPS	PZP	HTQFP	100	90	6 X 15	150	315	135.9	7620	15.4	20.3	21
TMS320F28066PZT	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
TMS320F28067PFPQ	PFP	HTQFP	80	96	6 x 16	150	315	135.9	7620	18.7	17.25	18.3
TMS320F28067PNT	PN	LQFP	80	119	7 X 17	150	315	135.9	7620	17.9	14.3	13.95
TMS320F28067PZPQ	PZP	HTQFP	100	90	6 X 15	150	315	135.9	7620	15.4	20.3	21
TMS320F28067PZPS	PZP	HTQFP	100	90	6 X 15	150	315	135.9	7620	15.4	20.3	21
TMS320F28067PZT	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
TMS320F28068FPNT	PN	LQFP	80	119	7 X 17	150	315	135.9	7620	17.9	14.3	13.95
TMS320F28068FPZT	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
TMS320F28068MPNT	PN	LQFP	80	119	7 X 17	150	315	135.9	7620	17.9	14.3	13.95
TMS320F28068MPZT	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
TMS320F28069PFPQ	PFP	HTQFP	80	96	6 x 16	150	315	135.9	7620	18.7	17.25	18.3
TMS320F28069FPNT	PN	LQFP	80	119	7 X 17	150	315	135.9	7620	17.9	14.3	13.95
TMS320F28069FPZPQ	PZP	HTQFP	100	90	6 X 15	150	315	135.9	7620	15.4	20.3	21
TMS320F28069FPZT	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
TMS320F28069MPFPQ	PFP	HTQFP	80	96	6 x 16	150	315	135.9	7620	18.7	17.25	18.3
TMS320F28069MPNT	PN	LQFP	80	119	7 X 17	150	315	135.9	7620	17.9	14.3	13.95
TMS320F28069MPZPQ	PZP	HTQFP	100	90	6 X 15	150	315	135.9	7620	15.4	20.3	21
TMS320F28069MPZT	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
TMS320F28069PFPQ	PFP	HTQFP	80	96	6 x 16	150	315	135.9	7620	18.7	17.25	18.3
TMS320F28069PFPS	PFP	HTQFP	80	96	6 x 16	150	315	135.9	7620	18.7	17.25	18.3
TMS320F28069PNT	PN	LQFP	80	119	7 X 17	150	315	135.9	7620	17.9	14.3	13.95
TMS320F28069PZA	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
TMS320F28069PZPQ	PZP	HTQFP	100	90	6 X 15	150	315	135.9	7620	15.4	20.3	21
TMS320F28069PZPS	PZP	HTQFP	100	90	6 X 15	150	315	135.9	7620	15.4	20.3	21
TMS320F28069PZT	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
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TMS320F28069UPNT	PN	LQFP	80	119	7 X 17	150	315	135.9	7620	17.9	14.3	13.95
TMS320F28069UPZPS	PZP	HTQFP	100	90	6 X 15	150	315	135.9	7620	15.4	20.3	21
TMS320F28069UPZT	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4