

## TAPE AND REEL INFORMATION



### QUADRANT ASSIGNMENTS FOR PIN 1 ORIENTATION IN TAPE



\*All dimensions are nominal

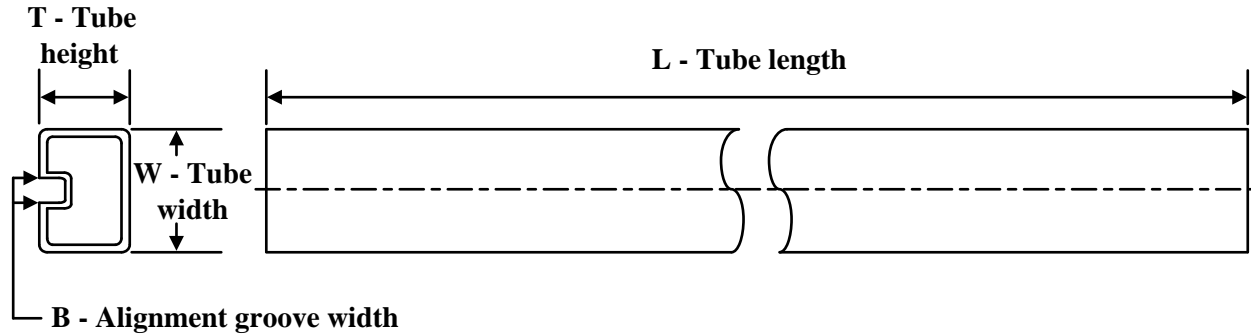
Device	Package Type	Package Drawing	Pins	SPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
TMS320F28022DAQR	TSSOP	DA	38	2000	330.0	24.4	8.6	13.0	1.8	12.0	24.0	Q1
TMS320F28027DASR	TSSOP	DA	38	2000	330.0	24.4	8.6	13.0	1.8	12.0	24.0	Q1
TMS320F28027DATR	TSSOP	DA	38	2000	330.0	24.4	8.6	13.0	1.8	12.0	24.0	Q1
TMS320F28027PTR	LQFP	PT	48	1000	330.0	16.4	9.6	9.6	1.9	12.0	16.0	Q2

## TAPE AND REEL BOX DIMENSIONS



\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
TMS320F28022DAQR	TSSOP	DA	38	2000	350.0	350.0	43.0
TMS320F28027DASR	TSSOP	DA	38	2000	350.0	350.0	43.0
TMS320F28027DATR	TSSOP	DA	38	2000	350.0	350.0	43.0
TMS320F28027PTR	LQFP	PT	48	1000	350.0	350.0	43.0

**TUBE**


\*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	L (mm)	W (mm)	T (μm)	B (mm)
TMS320F280200DAS	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F280200DAS.A	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F280200DAS.B	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F280200DAT	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F280200DAT.A	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F280200DAT.B	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28020DAS	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28020DAS.A	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28020DAS.B	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28020DAT	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28020DAT.A	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28020DAT.B	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28021DAS	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28021DAS.A	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28021DAS.B	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28021DAT	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28021DAT.A	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28021DAT.B	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28022DAQ	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28022DAQ.A	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28022DAQ.B	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28022DAS	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28022DAS.A	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28022DAS.B	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28022DAT	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28022DAT.A	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28022DAT.B	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28023DAS	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28023DAS.A	DA	TSSOP	38	40	530	11.89	3600	4.9

Device	Package Name	Package Type	Pins	SPQ	L (mm)	W (mm)	T (μm)	B (mm)
TMS320F28023DAS.B	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28023DAT	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28023DAT.A	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28023DAT.B	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28026DAS	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28026DAS.A	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28026DAS.B	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28026DAT	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28026DAT.A	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28026DAT.B	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28027DAS	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28027DAS.A	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28027DAS.B	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28027DAT	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28027DAT.A	DA	TSSOP	38	40	530	11.89	3600	4.9
TMS320F28027DAT.B	DA	TSSOP	38	40	530	11.89	3600	4.9

**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)
TMS320F280200PTT	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F280200PTT.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F280200PTT.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28020PTS	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28020PTS.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28020PTS.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28020PTT	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28020PTT.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28020PTT.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28021PTS	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28021PTS.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28021PTS.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28021PTT	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28021PTT.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28021PTT.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28022PTQ	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28022PTQ.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25

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)
TMS320F28022PTQ.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28022PTS	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28022PTS.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28022PTS.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28022PTT	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28022PTT.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28022PTT.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28023PTQ	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28023PTQ.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28023PTQ.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28023PTS	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28023PTS.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28023PTS.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28023PTT	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28023PTT.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28023PTT.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28026FPTT	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28026FPTT.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28026FPTT.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28026PTQ	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28026PTQ.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28026PTQ.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28026PTS	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28026PTS.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28026PTS.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28026PTT	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28026PTT.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28026PTT.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027FPTQ	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027FPTQ.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027FPTQ.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027FPTT	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027FPTT.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027FPTT.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027PTQ	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027PTQ.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027PTQ.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027PTS	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027PTS.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027PTS.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027PTSG4	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25

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)
TMS320F28027PTSG4.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027PTSG4.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027PTT	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027PTT.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027PTT.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027PTTG4	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027PTTG4.A	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TMS320F28027PTTG4.B	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25