

**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
MSP430F6747IPZR	LQFP	PZ	100	1000	330.0	24.4	17.0	17.0	2.1	20.0	24.0	Q2
MSP430F6765IPZR	LQFP	PZ	100	1000	330.0	24.4	17.0	17.0	2.1	20.0	24.0	Q2
MSP430F6775IPZR	LQFP	PZ	100	1000	330.0	24.4	17.0	17.0	2.1	20.0	24.0	Q2
MSP430F6777IPZR	LQFP	PZ	100	1000	330.0	24.4	17.0	17.0	2.1	20.0	24.0	Q2
MSP430F6779IPZR	LQFP	PZ	100	1000	330.0	24.4	17.0	17.0	2.1	20.0	24.0	Q2

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
MSP430F67471PZR	LQFP	PZ	100	1000	350.0	350.0	43.0
MSP430F67651PZR	LQFP	PZ	100	1000	350.0	350.0	43.0
MSP430F67751PZR	LQFP	PZ	100	1000	350.0	350.0	43.0
MSP430F67771PZR	LQFP	PZ	100	1000	350.0	350.0	43.0
MSP430F67791PZR	LQFP	PZ	100	1000	350.0	350.0	43.0

**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)
MSP430F6745IPEU	PEU	LQFP	128	72	6X12	150	315	135.9	7620	25.4	17.8	15.45
MSP430F6745IPZ	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.45
MSP430F6746IPEU	PEU	LQFP	128	72	6X12	150	315	135.9	7620	25.4	17.8	15.45
MSP430F6746IPZ	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.45
MSP430F6747IPEU	PEU	LQFP	128	72	6X12	150	315	135.9	7620	25.4	17.8	15.45
MSP430F6747IPZ	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.45
MSP430F6748IPEU	PEU	LQFP	128	72	6X12	150	315	135.9	7620	25.4	17.8	15.45
MSP430F6748IPZ	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.45
MSP430F6749IPEU	PEU	LQFP	128	72	6X12	150	315	135.9	7620	25.4	17.8	15.45
MSP430F6749IPZ	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.45
MSP430F6765IPEU	PEU	LQFP	128	72	6X12	150	315	135.9	7620	25.4	17.8	15.45
MSP430F6765IPZ	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.45
MSP430F6766IPEU	PEU	LQFP	128	72	6X12	150	315	135.9	7620	25.4	17.8	15.45
MSP430F6766IPZ	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.45
MSP430F6767IPEU	PEU	LQFP	128	72	6X12	150	315	135.9	7620	25.4	17.8	15.45
MSP430F6767IPZ	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.45
MSP430F6768IPEU	PEU	LQFP	128	72	6X12	150	315	135.9	7620	25.4	17.8	15.45

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)
MSP430F6768IPZ	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.45
MSP430F6769IPEU	PEU	LQFP	128	72	6X12	150	315	135.9	7620	25.4	17.8	15.45
MSP430F6769IPZ	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.45
MSP430F6775IPEU	PEU	LQFP	128	72	6X12	150	315	135.9	7620	25.4	17.8	15.45
MSP430F6775IPZ	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.45
MSP430F6776IPEU	PEU	LQFP	128	72	6X12	150	315	135.9	7620	25.4	17.8	15.45
MSP430F6776IPZ	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.45
MSP430F6777IPEU	PEU	LQFP	128	72	6X12	150	315	135.9	7620	25.4	17.8	15.45
MSP430F6777IPZ	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.45
MSP430F6778IPEU	PEU	LQFP	128	72	6X12	150	315	135.9	7620	25.4	17.8	15.45
MSP430F6778IPZ	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.45
MSP430F6779IPEU	PEU	LQFP	128	72	6X12	150	315	135.9	7620	25.4	17.8	15.45
MSP430F6779IPZ	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.45