

**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
MSP430FR2512IPW16R	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
MSP430FR2512IRHLR	VQFN	RHL	20	3000	330.0	12.4	3.71	4.71	1.1	8.0	12.0	Q1
MSP430FR2512IRHLT	VQFN	RHL	20	250	180.0	12.4	3.71	4.71	1.1	8.0	12.0	Q1
MSP430FR2522IPW16R	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
MSP430FR2522IRHLR	VQFN	RHL	20	3000	330.0	12.4	3.71	4.71	1.1	8.0	12.0	Q1
MSP430FR2522IRHLT	VQFN	RHL	20	250	180.0	12.4	3.71	4.71	1.1	8.0	12.0	Q1

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
MSP430FR2512IPW16R	TSSOP	PW	16	2000	367.0	367.0	35.0
MSP430FR2512IRHLR	VQFN	RHL	20	3000	367.0	367.0	35.0
MSP430FR2512IRHLT	VQFN	RHL	20	250	210.0	185.0	35.0
MSP430FR2522IPW16R	TSSOP	PW	16	2000	367.0	367.0	35.0
MSP430FR2522IRHLR	VQFN	RHL	20	3000	367.0	367.0	35.0
MSP430FR2522IRHLT	VQFN	RHL	20	250	210.0	185.0	35.0

**TUBE**


\*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	L (mm)	W (mm)	T (μm)	B (mm)
MSP430FR2512IPW16	PW	TSSOP	16	90	530	10.2	3600	3.5
MSP430FR2522IPW16	PW	TSSOP	16	90	530	10.2	3600	3.5