

**TAPE AND REEL INFORMATION**

**QUADRANT ASSIGNMENTS FOR PIN 1 ORIENTATION IN TAPE**

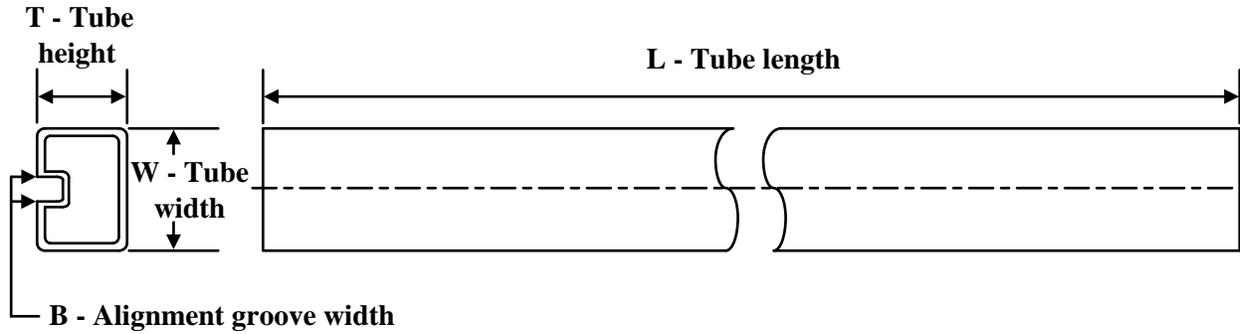

\*All dimensions are nominal

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
M430FR2111IPW16RG4	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
MSP430FR2000IPW16R	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
MSP430FR2000IRLLR	VQFN	RLL	24	3000	330.0	12.4	3.3	3.3	1.1	8.0	12.0	Q2
MSP430FR2000IRLLT	VQFN	RLL	24	250	180.0	12.4	3.3	3.3	1.1	8.0	12.0	Q2
MSP430FR2100IPW16R	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
MSP430FR2100IRLLR	VQFN	RLL	24	3000	330.0	12.4	3.3	3.3	1.1	8.0	12.0	Q2
MSP430FR2100IRLLT	VQFN	RLL	24	250	180.0	12.4	3.3	3.3	1.1	8.0	12.0	Q2
MSP430FR2110IPW16R	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
MSP430FR2110IRLLR	VQFN	RLL	24	3000	330.0	12.4	3.3	3.3	1.1	8.0	12.0	Q2
MSP430FR2110IRLLT	VQFN	RLL	24	250	180.0	12.4	3.3	3.3	1.1	8.0	12.0	Q2
MSP430FR2111IPW16R	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
MSP430FR2111IRLLR	VQFN	RLL	24	3000	330.0	12.4	3.3	3.3	1.1	8.0	12.0	Q2
MSP430FR2111IRLLT	VQFN	RLL	24	250	180.0	12.4	3.3	3.3	1.1	8.0	12.0	Q2

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
M430FR2111IPW16RG4	TSSOP	PW	16	2000	350.0	350.0	43.0
MSP430FR2000IPW16R	TSSOP	PW	16	2000	350.0	350.0	43.0
MSP430FR2000IRLLR	VQFN	RLL	24	3000	367.0	367.0	35.0
MSP430FR2000IRLLT	VQFN	RLL	24	250	210.0	185.0	35.0
MSP430FR2100IPW16R	TSSOP	PW	16	2000	350.0	350.0	43.0
MSP430FR2100IRLLR	VQFN	RLL	24	3000	367.0	367.0	35.0
MSP430FR2100IRLLT	VQFN	RLL	24	250	210.0	185.0	35.0
MSP430FR2110IPW16R	TSSOP	PW	16	2000	350.0	350.0	43.0
MSP430FR2110IRLLR	VQFN	RLL	24	3000	346.0	346.0	33.0
MSP430FR2110IRLLT	VQFN	RLL	24	250	182.0	182.0	20.0
MSP430FR2111IPW16R	TSSOP	PW	16	2000	350.0	350.0	43.0
MSP430FR2111IRLLR	VQFN	RLL	24	3000	346.0	346.0	33.0
MSP430FR2111IRLLT	VQFN	RLL	24	250	182.0	182.0	20.0

**TUBE**


\*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	L (mm)	W (mm)	T (μm)	B (mm)
MSP430FR2000IPW16	PW	TSSOP	16	90	530	10.2	3600	3.5
MSP430FR2000IPW16.A	PW	TSSOP	16	90	530	10.2	3600	3.5
MSP430FR2100IPW16	PW	TSSOP	16	90	530	10.2	3600	3.5
MSP430FR2100IPW16.A	PW	TSSOP	16	90	530	10.2	3600	3.5
MSP430FR2110IPW16	PW	TSSOP	16	90	530	10.2	3600	3.5
MSP430FR2110IPW16.A	PW	TSSOP	16	90	530	10.2	3600	3.5
MSP430FR2111IPW16	PW	TSSOP	16	90	530	10.2	3600	3.5
MSP430FR2111IPW16.A	PW	TSSOP	16	90	530	10.2	3600	3.5