

**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
MSP430FR2532IRGER	VQFN	RGE	24	3000	330.0	12.4	4.25	4.25	1.15	8.0	12.0	Q2
MSP430FR2532IRGET	VQFN	RGE	24	250	180.0	12.4	4.25	4.25	1.15	8.0	12.0	Q2
MSP430FR2533IDAR	TSSOP	DA	32	2000	330.0	24.4	8.6	11.5	1.6	12.0	24.0	Q1
MSP430FR2533IRHBR	VQFN	RHB	32	3000	330.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430FR2533IRHBT	VQFN	RHB	32	250	180.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430FR2632IRGER	VQFN	RGE	24	3000	330.0	12.4	4.25	4.25	1.15	8.0	12.0	Q2
MSP430FR2632IRGET	VQFN	RGE	24	250	180.0	12.4	4.25	4.25	1.15	8.0	12.0	Q2
MSP430FR2632IYQWR	DSBGA	YQW	24	3000	180.0	8.4	2.38	2.4	0.8	4.0	8.0	Q1
MSP430FR2632IYQWT	DSBGA	YQW	24	250	180.0	8.4	2.38	2.4	0.8	4.0	8.0	Q1
MSP430FR2633IDAR	TSSOP	DA	32	2000	330.0	24.4	8.6	11.5	1.6	12.0	24.0	Q1
MSP430FR2633IRHBR	VQFN	RHB	32	3000	330.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430FR2633IRHBT	VQFN	RHB	32	250	180.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430FR2633IYQWR	DSBGA	YQW	24	3000	180.0	8.4	2.38	2.4	0.8	4.0	8.0	Q1
MSP430FR2633IYQWT	DSBGA	YQW	24	250	180.0	8.4	2.38	2.4	0.8	4.0	8.0	Q1

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
MSP430FR2532IRGER	VQFN	RGE	24	3000	367.0	367.0	35.0
MSP430FR2532IRGER	VQFN	RGE	24	3000	346.0	346.0	33.0
MSP430FR2532IRGET	VQFN	RGE	24	250	210.0	185.0	35.0
MSP430FR2533IDAR	TSSOP	DA	32	2000	350.0	350.0	43.0
MSP430FR2533IRHBR	VQFN	RHB	32	3000	346.0	346.0	33.0
MSP430FR2533IRHBT	VQFN	RHB	32	250	210.0	185.0	35.0
MSP430FR2632IRGER	VQFN	RGE	24	3000	346.0	346.0	33.0
MSP430FR2632IRGET	VQFN	RGE	24	250	210.0	185.0	35.0
MSP430FR2632IYQWR	DSBGA	YQW	24	3000	182.0	182.0	20.0
MSP430FR2632IYQWT	DSBGA	YQW	24	250	182.0	182.0	20.0
MSP430FR2633IDAR	TSSOP	DA	32	2000	350.0	350.0	43.0
MSP430FR2633IRHBR	VQFN	RHB	32	3000	346.0	346.0	33.0
MSP430FR2633IRHBT	VQFN	RHB	32	250	210.0	185.0	35.0
MSP430FR2633IYQWR	DSBGA	YQW	24	3000	182.0	182.0	20.0
MSP430FR2633IYQWT	DSBGA	YQW	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)
MSP430FR2533IDA	DA	TSSOP	32	46	530	11.89	3600	4.9
MSP430FR2633IDA	DA	TSSOP	32	46	530	11.89	3600	4.9