

**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
MSP430FR5887IPMR	LQFP	PM	64	1000	330.0	24.4	13.0	13.0	2.1	16.0	24.0	Q2
MSP430FR5887IRGCR	VQFN	RGC	64	2000	330.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430FR5887IRGCT	VQFN	RGC	64	250	180.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430FR5888IRGCT	VQFN	RGC	64	250	180.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430FR5889IPMR	LQFP	PM	64	1000	330.0	24.4	13.0	13.0	2.1	16.0	24.0	Q2
MSP430FR5889IRGCR	VQFN	RGC	64	2000	330.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430FR5889IRGCT	VQFN	RGC	64	250	180.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430FR68891IPNR	LQFP	PN	80	1000	330.0	24.4	15.0	15.0	2.1	20.0	24.0	Q2
MSP430FR68891IPZR	LQFP	PZ	100	1000	330.0	24.4	17.0	17.0	2.1	20.0	24.0	Q2
MSP430FR6889IPNR	LQFP	PN	80	1000	330.0	24.4	15.0	15.0	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)
MSP430FR5887IPMR	LQFP	PM	64	1000	350.0	350.0	43.0
MSP430FR5887IRGCR	VQFN	RGC	64	2000	367.0	367.0	38.0
MSP430FR5887IRGCT	VQFN	RGC	64	250	210.0	185.0	35.0
MSP430FR5888IRGCT	VQFN	RGC	64	250	210.0	185.0	35.0
MSP430FR5889IPMR	LQFP	PM	64	1000	350.0	350.0	43.0
MSP430FR5889IRGCR	VQFN	RGC	64	2000	367.0	367.0	38.0
MSP430FR5889IRGCT	VQFN	RGC	64	250	210.0	185.0	35.0
MSP430FR68891IPNR	LQFP	PN	80	1000	350.0	350.0	43.0
MSP430FR68891IPZR	LQFP	PZ	100	1000	350.0	350.0	43.0
MSP430FR6889IPNR	LQFP	PN	80	1000	350.0	350.0	43.0