

**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
MSP430F5131IDAR	TSSOP	DA	38	2000	330.0	24.4	8.6	13.0	1.8	12.0	24.0	Q1
MSP430F5131IRSB	WQFN	RSB	40	3000	330.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430F5131IRSBT	WQFN	RSB	40	250	180.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430F5131IYFFR	DSBGA	YFF	40	3000	180.0	8.4	2.86	3.16	0.69	4.0	8.0	Q1
MSP430F5131IYFFT	DSBGA	YFF	40	250	180.0	8.4	2.86	3.16	0.69	4.0	8.0	Q1
MSP430F5132IDAR	TSSOP	DA	38	2000	330.0	24.4	8.6	13.0	1.8	12.0	24.0	Q1
MSP430F5132IRSB	WQFN	RSB	40	3000	330.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430F5132IRSBT	WQFN	RSB	40	250	180.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430F5132IYFFR	DSBGA	YFF	40	3000	180.0	8.4	2.86	3.16	0.69	4.0	8.0	Q1
MSP430F5132IYFFT	DSBGA	YFF	40	250	180.0	8.4	2.86	3.16	0.69	4.0	8.0	Q1
MSP430F5151IRSB	WQFN	RSB	40	3000	330.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430F5151IRSBT	WQFN	RSB	40	250	180.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430F5151IYFFR	DSBGA	YFF	40	3000	180.0	8.4	2.86	3.16	0.69	4.0	8.0	Q1
MSP430F5151IYFFT	DSBGA	YFF	40	250	180.0	8.4	2.86	3.16	0.69	4.0	8.0	Q1
MSP430F5152IDAR	TSSOP	DA	38	2000	330.0	24.4	8.6	13.0	1.8	12.0	24.0	Q1
MSP430F5152IRSB	WQFN	RSB	40	3000	330.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2

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
MSP430F5152IRSBT	WQFN	RSB	40	250	180.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430F5152IYFFR	DSBGA	YFF	40	3000	180.0	8.4	2.86	3.16	0.69	4.0	8.0	Q1
MSP430F5152IYFFT	DSBGA	YFF	40	250	180.0	8.4	2.86	3.16	0.69	4.0	8.0	Q1
MSP430F5171IDAR	TSSOP	DA	38	2000	330.0	24.4	8.6	13.0	1.8	12.0	24.0	Q1
MSP430F5171IRSBR	WQFN	RSB	40	3000	330.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430F5171IRSBT	WQFN	RSB	40	250	180.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430F5171IYFFR	DSBGA	YFF	40	3000	180.0	8.4	2.86	3.16	0.69	4.0	8.0	Q1
MSP430F5171IYFFT	DSBGA	YFF	40	250	180.0	8.4	2.86	3.16	0.69	4.0	8.0	Q1
MSP430F5172IDAR	TSSOP	DA	38	2000	330.0	24.4	8.6	13.0	1.8	12.0	24.0	Q1
MSP430F5172IRSBR	WQFN	RSB	40	3000	330.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430F5172IRSBT	WQFN	RSB	40	250	180.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430F5172IYFFR	DSBGA	YFF	40	3000	180.0	8.4	2.86	3.16	0.69	4.0	8.0	Q1
MSP430F5172IYFFT	DSBGA	YFF	40	250	180.0	8.4	2.86	3.16	0.69	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)
MSP430F5131IDAR	TSSOP	DA	38	2000	350.0	350.0	43.0
MSP430F5131IRSB	WQFN	RSB	40	3000	367.0	367.0	35.0
MSP430F5131IRSBT	WQFN	RSB	40	250	210.0	185.0	35.0
MSP430F5131IYFFR	DSBGA	YFF	40	3000	182.0	182.0	20.0
MSP430F5131IYFFT	DSBGA	YFF	40	250	182.0	182.0	20.0
MSP430F5132IDAR	TSSOP	DA	38	2000	350.0	350.0	43.0
MSP430F5132IRSB	WQFN	RSB	40	3000	367.0	367.0	35.0
MSP430F5132IRSBT	WQFN	RSB	40	250	210.0	185.0	35.0
MSP430F5132IYFFR	DSBGA	YFF	40	3000	182.0	182.0	20.0
MSP430F5132IYFFT	DSBGA	YFF	40	250	182.0	182.0	20.0
MSP430F5151IRSB	WQFN	RSB	40	3000	367.0	367.0	35.0
MSP430F5151IRSBT	WQFN	RSB	40	250	210.0	185.0	35.0
MSP430F5151IYFFR	DSBGA	YFF	40	3000	182.0	182.0	20.0
MSP430F5151IYFFT	DSBGA	YFF	40	250	182.0	182.0	20.0
MSP430F5152IDAR	TSSOP	DA	38	2000	350.0	350.0	43.0
MSP430F5152IRSB	WQFN	RSB	40	3000	367.0	367.0	35.0
MSP430F5152IRSBT	WQFN	RSB	40	250	210.0	185.0	35.0
MSP430F5152IYFFR	DSBGA	YFF	40	3000	182.0	182.0	20.0

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
MSP430F5152IYFFT	DSBGA	YFF	40	250	182.0	182.0	20.0
MSP430F5171IDAR	TSSOP	DA	38	2000	350.0	350.0	43.0
MSP430F5171IRSBR	WQFN	RSB	40	3000	367.0	367.0	35.0
MSP430F5171IRSBT	WQFN	RSB	40	250	210.0	185.0	35.0
MSP430F5171IYFFR	DSBGA	YFF	40	3000	182.0	182.0	20.0
MSP430F5171IYFFT	DSBGA	YFF	40	250	182.0	182.0	20.0
MSP430F5172IDAR	TSSOP	DA	38	2000	350.0	350.0	43.0
MSP430F5172IRSBR	WQFN	RSB	40	3000	367.0	367.0	35.0
MSP430F5172IRSBT	WQFN	RSB	40	250	210.0	185.0	35.0
MSP430F5172IYFFR	DSBGA	YFF	40	3000	182.0	182.0	20.0
MSP430F5172IYFFT	DSBGA	YFF	40	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)
MSP430F5131IDA	DA	TSSOP	38	40	530	11.89	3600	4.9
MSP430F5132IDA	DA	TSSOP	38	40	530	11.89	3600	4.9
MSP430F5151IDA	DA	TSSOP	38	40	530	11.89	3600	4.9
MSP430F5152IDA	DA	TSSOP	38	40	530	11.89	3600	4.9
MSP430F5171IDA	DA	TSSOP	38	40	530	11.89	3600	4.9
MSP430F5172IDA	DA	TSSOP	38	40	530	11.89	3600	4.9