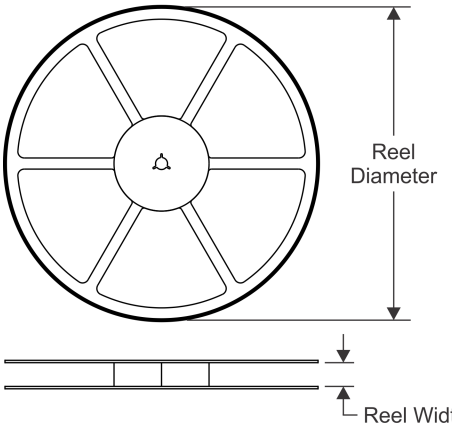
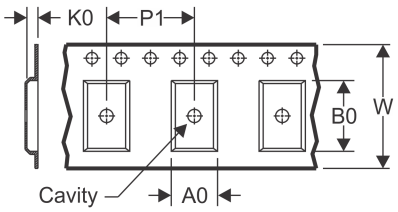
TAPE AND REEL INFORMATION

REEL DIMENSIONS

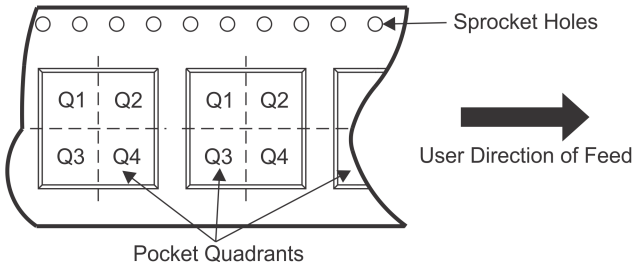


TAPE DIMENSIONS



A0	Dimension designed to accommodate the component width
B0	Dimension designed to accommodate the component length
K0	Dimension designed to accommodate the component thickness
W	Overall width of the carrier tape
P1	Pitch between successive cavity centers

QUADRANT ASSIGNMENTS FOR PIN 1 ORIENTATION IN TAPE

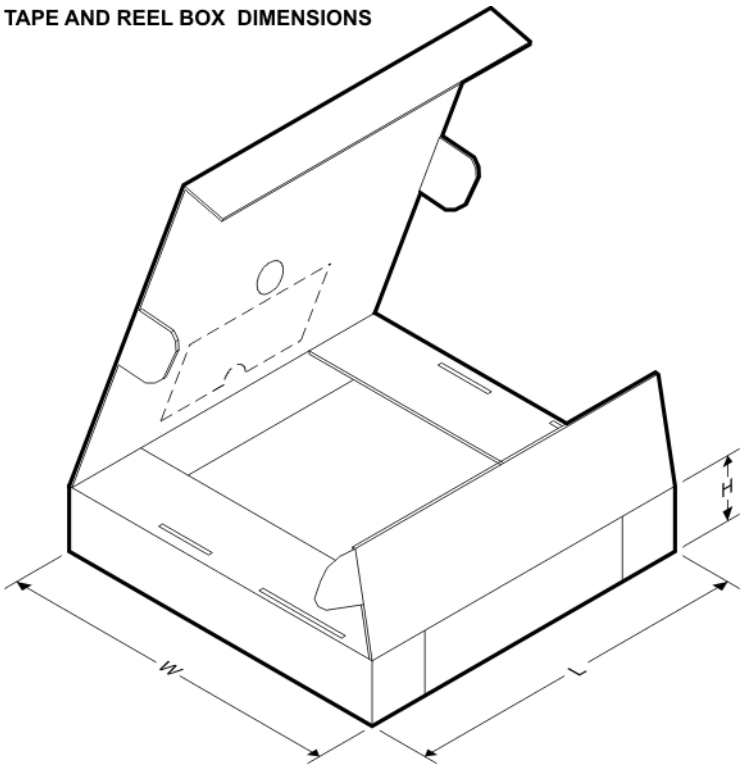


*All dimensions are nominal

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
MSP430F5252IRGCR	VQFN	RGC	64	2000	330.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5252IRGCT	VQFN	RGC	64	250	180.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5253IRGCR	VQFN	RGC	64	2000	330.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5253IRGCT	VQFN	RGC	64	250	180.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5254IRGCR	VQFN	RGC	64	2000	330.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5254IRGCT	VQFN	RGC	64	250	180.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5255IRGCR	VQFN	RGC	64	2000	330.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5255IRGCT	VQFN	RGC	64	250	180.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5256IRGCR	VQFN	RGC	64	2000	330.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5256IRGCT	VQFN	RGC	64	250	180.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5256IZQER	BGA MICROSTAR JUNIOR	ZQE	80	2500	330.0	12.4	5.3	5.3	1.5	8.0	12.0	Q1
MSP430F5257IRGCR	VQFN	RGC	64	2000	330.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5257IRGCT	VQFN	RGC	64	250	180.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5257IZQER	BGA MICROSTAR JUNIOR	ZQE	80	2500	330.0	12.4	5.3	5.3	1.5	8.0	12.0	Q1

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
MSP430F5258IRGCR	VQFN	RGC	64	2000	330.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5258IRGCT	VQFN	RGC	64	250	180.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5258IZQER	BGA MICROSTAR JUNIOR	ZQE	80	2500	330.0	12.4	5.3	5.3	1.5	8.0	12.0	Q1
MSP430F5259IRGCR	VQFN	RGC	64	2000	330.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5259IRGCT	VQFN	RGC	64	250	180.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5259IZQER	BGA MICROSTAR JUNIOR	ZQE	80	2500	330.0	12.4	5.3	5.3	1.5	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)
MSP430F5252IRGCR	VQFN	RGC	64	2000	367.0	367.0	38.0
MSP430F5252IRGCT	VQFN	RGC	64	250	210.0	185.0	35.0
MSP430F5253IRGCR	VQFN	RGC	64	2000	367.0	367.0	38.0
MSP430F5253IRGCT	VQFN	RGC	64	250	210.0	185.0	35.0
MSP430F5254IRGCR	VQFN	RGC	64	2000	367.0	367.0	38.0
MSP430F5254IRGCT	VQFN	RGC	64	250	210.0	185.0	35.0
MSP430F5255IRGCR	VQFN	RGC	64	2000	367.0	367.0	38.0

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
MSP430F5255IRGCT	VQFN	RGC	64	250	210.0	185.0	35.0
MSP430F5256IRGCR	VQFN	RGC	64	2000	367.0	367.0	38.0
MSP430F5256IRGCT	VQFN	RGC	64	250	210.0	185.0	35.0
MSP430F5256IZQER	BGA MICROSTAR JUNIOR	ZQE	80	2500	350.0	350.0	43.0
MSP430F5257IRGCR	VQFN	RGC	64	2000	367.0	367.0	38.0
MSP430F5257IRGCT	VQFN	RGC	64	250	210.0	185.0	35.0
MSP430F5257IZQER	BGA MICROSTAR JUNIOR	ZQE	80	2500	350.0	350.0	43.0
MSP430F5258IRGCR	VQFN	RGC	64	2000	367.0	367.0	38.0
MSP430F5258IRGCT	VQFN	RGC	64	250	210.0	185.0	35.0
MSP430F5258IZQER	BGA MICROSTAR JUNIOR	ZQE	80	2500	350.0	350.0	43.0
MSP430F5259IRGCR	VQFN	RGC	64	2000	367.0	367.0	38.0
MSP430F5259IRGCT	VQFN	RGC	64	250	210.0	185.0	35.0
MSP430F5259IZQER	BGA MICROSTAR JUNIOR	ZQE	80	2500	350.0	350.0	43.0