

TAPE AND REEL INFORMATION

QUADRANT ASSIGNMENTS FOR PIN 1 ORIENTATION IN TAPE

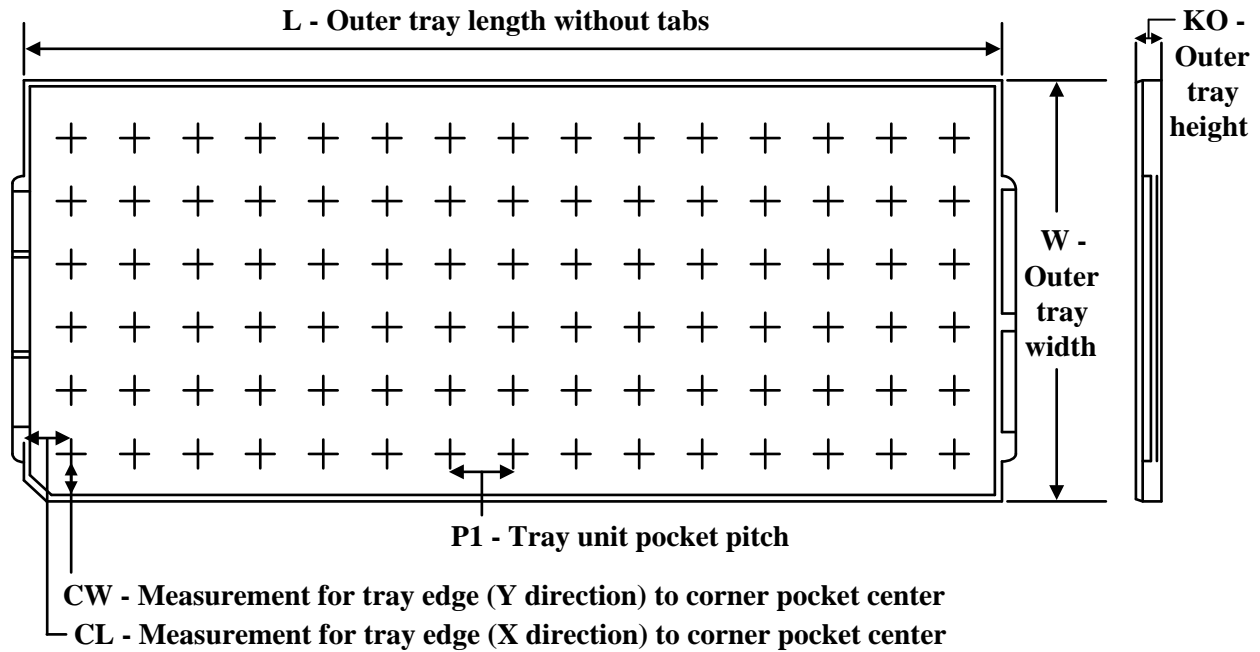

*All dimensions are nominal

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
MSP430F5324IRGCR	VQFN	RGC	64	2000	330.0	16.4	9.3	9.3	1.5	12.0	16.0	Q2
MSP430F5324IRGCT	VQFN	RGC	64	250	180.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5324IRGCT	VQFN	RGC	64	250	180.0	16.4	9.3	9.3	1.5	12.0	16.0	Q2
MSP430F5324IZXHR	NFBGA	ZXH	80	2500	330.0	12.4	5.3	5.3	1.5	8.0	12.0	Q1
MSP430F5325IPNR	LQFP	PN	80	1000	330.0	24.4	15.0	15.0	2.1	20.0	24.0	Q2
MSP430F5326IRGCR	VQFN	RGC	64	2000	330.0	16.4	9.3	9.3	1.5	12.0	16.0	Q2
MSP430F5326IRGCT	VQFN	RGC	64	250	180.0	16.4	9.3	9.3	1.5	12.0	16.0	Q2
MSP430F5326IZXHR	NFBGA	ZXH	80	2500	330.0	12.4	5.3	5.3	1.5	8.0	12.0	Q1
MSP430F5327IPNR	LQFP	PN	80	1000	330.0	24.4	15.0	15.0	2.1	20.0	24.0	Q2
MSP430F5328IRGCR	VQFN	RGC	64	2000	330.0	16.4	9.3	9.3	1.5	12.0	16.0	Q2
MSP430F5328IRGCT	VQFN	RGC	64	250	180.0	16.4	9.3	9.3	1.1	12.0	16.0	Q2
MSP430F5328IRGCT	VQFN	RGC	64	250	180.0	16.4	9.3	9.3	1.5	12.0	16.0	Q2
MSP430F5328IZXHR	NFBGA	ZXH	80	2500	330.0	12.4	5.3	5.3	1.5	8.0	12.0	Q1
MSP430F5329IPNR	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)
MSP430F5324IRGCR	VQFN	RGC	64	2000	356.0	356.0	35.0
MSP430F5324IRGCT	VQFN	RGC	64	250	213.0	191.0	35.0
MSP430F5324IRGCT	VQFN	RGC	64	250	210.0	185.0	35.0
MSP430F5324IZXHR	NFBGA	ZXH	80	2500	350.0	350.0	43.0
MSP430F5325IPNR	LQFP	PN	80	1000	350.0	350.0	43.0
MSP430F5326IRGCR	VQFN	RGC	64	2000	356.0	356.0	35.0
MSP430F5326IRGCT	VQFN	RGC	64	250	210.0	185.0	35.0
MSP430F5326IZXHR	NFBGA	ZXH	80	2500	350.0	350.0	43.0
MSP430F5327IPNR	LQFP	PN	80	1000	350.0	350.0	43.0
MSP430F5328IRGCR	VQFN	RGC	64	2000	356.0	356.0	35.0
MSP430F5328IRGCT	VQFN	RGC	64	250	213.0	191.0	35.0
MSP430F5328IRGCT	VQFN	RGC	64	250	210.0	185.0	35.0
MSP430F5328IZXHR	NFBGA	ZXH	80	2500	350.0	350.0	43.0
MSP430F5329IPNR	LQFP	PN	80	1000	350.0	350.0	43.0

TRAY


Chamfer on Tray corner indicates Pin 1 orientation of packed units.

*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	Unit array matrix	Max temperature (°C)	L (mm)	W (mm)	K0 (µm)	P1 (mm)	CL (mm)	CW (mm)
MSP430F5324IZXH	ZXH	NFBGA	80	576	16 x 36	150	315	135.9	7620	8.5	8.75	8.7
MSP430F5324IZXH	ZXH	NFBGA	80	576	16 x 36	150	315	135.9	7620	8.5	8.75	8.7
MSP430F5324IZXHR	ZXH	NFBGA	80	2500	16 x 36	150	315	135.9	7620	8.5	8.75	8.7
MSP430F5325IPN	PN	LQFP	80	119	7 x 17	150	315	135.9	7620	17.9	14.3	13.95
MSP430F5326IZXH	ZXH	NFBGA	80	576	16 x 36	150	315	135.9	7620	8.5	8.75	8.7
MSP430F5326IZXH	ZXH	NFBGA	80	576	16 x 36	150	315	135.9	7620	8.5	8.75	8.7
MSP430F5326IZXHR	ZXH	NFBGA	80	2500	16 x 36	150	315	135.9	7620	8.5	8.75	8.7
MSP430F5327IPN	PN	LQFP	80	119	7 x 17	150	315	135.9	7620	17.9	14.3	13.95
MSP430F5328IZXH	ZXH	NFBGA	80	576	16 x 36	150	315	135.9	7620	8.5	8.75	8.7
MSP430F5328IZXH	ZXH	NFBGA	80	576	16 x 36	150	315	135.9	7620	8.5	8.75	8.7
MSP430F5328IZXHR	ZXH	NFBGA	80	2500	16 x 36	150	315	135.9	7620	8.5	8.75	8.7
MSP430F5329IPN	PN	LQFP	80	119	7 x 17	150	315	135.9	7620	17.9	14.3	13.95