

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
MSP430FR2475TPTR	LQFP	PT	48	1000	330.0	16.4	9.6	9.6	1.9	12.0	16.0	Q2
MSP430FR2475TRHAR	VQFN	RHA	40	2500	330.0	16.4	6.3	6.3	1.1	12.0	16.0	Q2
MSP430FR2475TRHAT	VQFN	RHA	40	250	180.0	16.4	6.3	6.3	1.1	12.0	16.0	Q2
MSP430FR2475TRHBR	VQFN	RHB	32	3000	330.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430FR2475TRHBT	VQFN	RHB	32	250	180.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430FR2476TPTR	LQFP	PT	48	1000	330.0	16.4	9.6	9.6	1.9	12.0	16.0	Q2
MSP430FR2476TRHAR	VQFN	RHA	40	2500	330.0	16.4	6.3	6.3	1.1	12.0	16.0	Q2
MSP430FR2476TRHAT	VQFN	RHA	40	250	180.0	16.4	6.3	6.3	1.1	12.0	16.0	Q2
MSP430FR2476TRHBR	VQFN	RHB	32	3000	330.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSP430FR2476TRHBT	VQFN	RHB	32	250	180.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2

TAPE AND REEL BOX DIMENSIONS


*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
MSP430FR2475TPTR	LQFP	PT	48	1000	336.6	336.6	31.8
MSP430FR2475TRHAR	VQFN	RHA	40	2500	367.0	367.0	35.0
MSP430FR2475TRHAT	VQFN	RHA	40	250	210.0	185.0	35.0
MSP430FR2475TRHBR	VQFN	RHB	32	3000	367.0	367.0	35.0
MSP430FR2475TRHBT	VQFN	RHB	32	250	210.0	185.0	35.0
MSP430FR2476TPTR	LQFP	PT	48	1000	336.6	336.6	31.8
MSP430FR2476TRHAR	VQFN	RHA	40	2500	367.0	367.0	35.0
MSP430FR2476TRHAT	VQFN	RHA	40	250	210.0	185.0	35.0
MSP430FR2476TRHBR	VQFN	RHB	32	3000	367.0	367.0	35.0
MSP430FR2476TRHBT	VQFN	RHB	32	250	210.0	185.0	35.0

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)
MSP430FR2475TPT	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
MSP430FR2475TPT	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
MSP430FR2476TPT	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
MSP430FR2476TPT	PT	LQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25