

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
MSP430F5358IPZR	LQFP	PZ	100	1000	330.0	24.4	17.0	17.0	2.1	20.0	24.0	Q2
MSP430F5358IQWR	BGA MICROSTAR JUNIOR	ZQW	113	2500	330.0	16.4	7.3	7.3	1.5	12.0	16.0	Q1
MSP430F5358IQWT	BGA MICROSTAR JUNIOR	ZQW	113	250	180.0	16.4	7.3	7.3	1.5	12.0	16.0	Q1
MSP430F5359IPZR	LQFP	PZ	100	1000	330.0	24.4	17.0	17.0	2.1	20.0	24.0	Q2
MSP430F5359IQWR	BGA MICROSTAR JUNIOR	ZQW	113	2500	330.0	16.4	7.3	7.3	1.5	12.0	16.0	Q1
MSP430F5359IQWT	BGA MICROSTAR JUNIOR	ZQW	113	250	180.0	16.4	7.3	7.3	1.5	12.0	16.0	Q1
MSP430F5658IPZR	LQFP	PZ	100	1000	330.0	24.4	17.0	17.0	2.1	20.0	24.0	Q2
MSP430F5658IQWR	BGA MICROSTAR JUNIOR	ZQW	113	2500	330.0	16.4	7.3	7.3	1.5	12.0	16.0	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
	OR											
MSP430F5658IZQWT	BGA MI CROSTA R JUNI OR	ZQW	113	250	180.0	16.4	7.3	7.3	1.5	12.0	16.0	Q1
MSP430F5659IPZR	LQFP	PZ	100	1000	330.0	24.4	17.0	17.0	2.1	20.0	24.0	Q2
MSP430F5659IZQWR	BGA MI CROSTA R JUNI OR	ZQW	113	2500	330.0	16.4	7.3	7.3	1.5	12.0	16.0	Q1
MSP430F5659IZQWT	BGA MI CROSTA R JUNI OR	ZQW	113	250	180.0	16.4	7.3	7.3	1.5	12.0	16.0	Q1
MSP430F6459IPZR	LQFP	PZ	100	1000	330.0	24.4	17.0	17.0	2.1	20.0	24.0	Q2
MSP430F6459IZQWT	BGA MI CROSTA R JUNI OR	ZQW	113	250	180.0	16.4	7.3	7.3	1.5	12.0	16.0	Q1
MSP430F6659IPZR	LQFP	PZ	100	1000	330.0	24.4	17.0	17.0	2.1	20.0	24.0	Q2
MSP430F6659IZQWR	BGA MI CROSTA R JUNI OR	ZQW	113	2500	330.0	16.4	7.3	7.3	1.5	12.0	16.0	Q1
MSP430F6659IZQWT	BGA MI CROSTA R JUNI OR	ZQW	113	250	180.0	16.4	7.3	7.3	1.5	12.0	16.0	Q1

TAPE AND REEL BOX DIMENSIONS


*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
MSP430F5358IPZR	LQFP	PZ	100	1000	350.0	350.0	43.0
MSP430F5358IZQWR	BGA MICROSTAR JUNIOR	ZQW	113	2500	350.0	350.0	43.0
MSP430F5358IZQWT	BGA MICROSTAR JUNIOR	ZQW	113	250	213.0	191.0	55.0
MSP430F5359IPZR	LQFP	PZ	100	1000	350.0	350.0	43.0
MSP430F5359IZQWR	BGA MICROSTAR JUNIOR	ZQW	113	2500	350.0	350.0	43.0
MSP430F5359IZQWT	BGA MICROSTAR JUNIOR	ZQW	113	250	213.0	191.0	55.0
MSP430F5658IPZR	LQFP	PZ	100	1000	350.0	350.0	43.0
MSP430F5658IZQWR	BGA MICROSTAR JUNIOR	ZQW	113	2500	350.0	350.0	43.0
MSP430F5658IZQWT	BGA MICROSTAR JUNIOR	ZQW	113	250	213.0	191.0	55.0
MSP430F5659IPZR	LQFP	PZ	100	1000	350.0	350.0	43.0
MSP430F5659IZQWR	BGA MICROSTAR JUNIOR	ZQW	113	2500	350.0	350.0	43.0
MSP430F5659IZQWT	BGA MICROSTAR JUNIOR	ZQW	113	250	213.0	191.0	55.0
MSP430F6459IPZR	LQFP	PZ	100	1000	350.0	350.0	43.0
MSP430F6459IZQWT	BGA MICROSTAR JUNIOR	ZQW	113	250	213.0	191.0	55.0

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
MSP430F6659IPZR	LQFP	PZ	100	1000	350.0	350.0	43.0
MSP430F6659IZQWR	BGA MICROSTAR JUNIOR	ZQW	113	2500	350.0	350.0	43.0
MSP430F6659IZQWT	BGA MICROSTAR JUNIOR	ZQW	113	250	213.0	191.0	55.0