

**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
F280040CPMQR	LQFP	PM	64	1000	330.0	24.4	13.0	13.0	2.1	16.0	24.0	Q2
F280040PMQR	LQFP	PM	64	1000	330.0	24.4	13.0	13.0	2.1	16.0	24.0	Q2
F280041CPZQR	LQFP	PZ	100	1000	330.0	32.4	16.9	16.9	2.0	24.0	32.0	Q2
F280041CRSHSR	VQFN	RSH	56	2500	330.0	16.4	7.3	7.3	1.1	12.0	16.0	Q2
F280041PMSR	LQFP	PM	64	1000	330.0	24.4	13.0	13.0	2.1	16.0	24.0	Q2
F280041PZQR	LQFP	PZ	100	1000	330.0	32.4	16.9	16.9	2.0	24.0	32.0	Q2
F280041RSHSR	VQFN	RSH	56	2500	330.0	16.4	7.3	7.3	1.1	12.0	16.0	Q2
F280045PMSR	LQFP	PM	64	1000	330.0	24.4	13.0	13.0	2.1	16.0	24.0	Q2
F280045PZSR	LQFP	PZ	100	1000	330.0	32.4	16.9	16.9	2.0	24.0	32.0	Q2
F280045RSHSR	VQFN	RSH	56	2500	330.0	16.4	7.3	7.3	1.1	12.0	16.0	Q2
F280048CPMQR	LQFP	PM	64	1000	330.0	24.4	13.0	13.0	2.1	16.0	24.0	Q2
F280048PMQR	LQFP	PM	64	1000	330.0	24.4	13.0	13.0	2.1	16.0	24.0	Q2
F280049CPZQR	LQFP	PZ	100	1000	330.0	32.4	16.9	16.9	2.0	24.0	32.0	Q2
F280049CRSHSR	VQFN	RSH	56	2500	330.0	16.4	7.3	7.3	1.1	12.0	16.0	Q2
F280049PMSR	LQFP	PM	64	1000	330.0	24.4	13.0	13.0	2.1	16.0	24.0	Q2
F280049PZQR	LQFP	PZ	100	1000	330.0	32.4	16.9	16.9	2.0	24.0	32.0	Q2
F280049PZSR	LQFP	PZ	100	1000	330.0	32.4	16.9	16.9	2.0	24.0	32.0	Q2
F280049RSHSR	VQFN	RSH	56	2500	330.0	16.4	7.3	7.3	1.1	12.0	16.0	Q2

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
F280040CPMQR	LQFP	PM	64	1000	336.6	336.6	41.3
F280040PMQR	LQFP	PM	64	1000	336.6	336.6	41.3
F280041CPZQR	LQFP	PZ	100	1000	367.0	367.0	55.0
F280041CRSHSR	VQFN	RSH	56	2500	336.6	336.6	31.8
F280041PMSR	LQFP	PM	64	1000	336.6	336.6	41.3
F280041PZQR	LQFP	PZ	100	1000	367.0	367.0	55.0
F280041RSHSR	VQFN	RSH	56	2500	336.6	336.6	31.8
F280045PMSR	LQFP	PM	64	1000	336.6	336.6	41.3
F280045PZSR	LQFP	PZ	100	1000	367.0	367.0	55.0
F280045RSHSR	VQFN	RSH	56	2500	336.6	336.6	31.8
F280048CPMQR	LQFP	PM	64	1000	336.6	336.6	41.3
F280048PMQR	LQFP	PM	64	1000	336.6	336.6	41.3
F280049CPZQR	LQFP	PZ	100	1000	367.0	367.0	55.0
F280049CRSHSR	VQFN	RSH	56	2500	336.6	336.6	31.8
F280049PMSR	LQFP	PM	64	1000	336.6	336.6	41.3
F280049PZQR	LQFP	PZ	100	1000	367.0	367.0	55.0
F280049PZSR	LQFP	PZ	100	1000	367.0	367.0	55.0
F280049RSHSR	VQFN	RSH	56	2500	336.6	336.6	31.8