

**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
MSPM0L1303SRGER	VQFN	RGE	24	3000	330.0	12.4	4.3	4.3	1.3	8.0	12.0	Q2
MSPM0L1303SRGER	VQFN	RGE	24	3000	330.0	12.4	4.25	4.25	1.15	8.0	12.0	Q2
MSPM0L1303TRGER	VQFN	RGE	24	3000	330.0	12.4	4.3	4.3	1.3	8.0	12.0	Q2
MSPM0L1304SDGS20R	VSSOP	DGS	20	5000	330.0	16.4	5.4	5.4	1.45	8.0	16.0	Q1
MSPM0L1304SDGS28R	VSSOP	DGS	28	5000	330.0	16.4	5.5	7.4	1.45	8.0	16.0	Q1
MSPM0L1304SDYYR	SOT-23-THIN	DYY	16	3000	330.0	12.4	4.8	3.6	1.6	8.0	12.0	Q3
MSPM0L1304SRGER	VQFN	RGE	24	3000	330.0	12.4	4.3	4.3	1.3	8.0	12.0	Q2
MSPM0L1304SRGER	VQFN	RGE	24	3000	330.0	12.4	4.25	4.25	1.15	8.0	12.0	Q2
MSPM0L1304SRHBR	VQFN	RHB	32	3000	330.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSPM0L1304SRTRR	WQFN	RTR	16	3000	180.0	8.4	2.25	3.25	1.05	4.0	8.0	Q2
MSPM0L1304TDGS20R	VSSOP	DGS	20	5000	330.0	16.4	5.4	5.4	1.45	8.0	16.0	Q1
MSPM0L1304TDGS28R	VSSOP	DGS	28	5000	330.0	16.4	5.5	7.4	1.45	8.0	16.0	Q1
MSPM0L1304TDYYR	SOT-23-THIN	DYY	16	3000	330.0	12.4	4.8	3.6	1.6	8.0	12.0	Q3
MSPM0L1304TRGER	VQFN	RGE	24	3000	330.0	12.4	4.3	4.3	1.3	8.0	12.0	Q2
MSPM0L1304TRGER	VQFN	RGE	24	3000	330.0	12.4	4.25	4.25	1.15	8.0	12.0	Q2

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
MSPM0L1304TRHBR	VQFN	RHB	32	3000	330.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSPM0L1304TRHBR	VQFN	RHB	32	3000	330.0	12.4	5.3	5.3	1.3	8.0	12.0	Q2
MSPM0L1305SDGS20R	VSSOP	DGS	20	5000	330.0	16.4	5.4	5.4	1.45	8.0	16.0	Q1
MSPM0L1305SDGS28R	VSSOP	DGS	28	5000	330.0	16.4	5.5	7.4	1.45	8.0	16.0	Q1
MSPM0L1305SDYYR	SOT-23-THIN	DYY	16	3000	330.0	12.4	4.8	3.6	1.6	8.0	12.0	Q3
MSPM0L1305SRGER	VQFN	RGE	24	3000	330.0	12.4	4.3	4.3	1.3	8.0	12.0	Q2
MSPM0L1305SRHBR	VQFN	RHB	32	3000	330.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSPM0L1305SRHBR	VQFN	RHB	32	3000	330.0	12.4	5.3	5.3	1.3	8.0	12.0	Q2
MSPM0L1305SRTRR	WQFN	RTR	16	3000	180.0	8.4	2.25	3.25	1.05	4.0	8.0	Q2
MSPM0L1305TDGS20R	VSSOP	DGS	20	5000	330.0	16.4	5.4	5.4	1.45	8.0	16.0	Q1
MSPM0L1305TDGS28R	VSSOP	DGS	28	5000	330.0	16.4	5.5	7.4	1.45	8.0	16.0	Q1
MSPM0L1305TDYYR	SOT-23-THIN	DYY	16	3000	330.0	12.4	4.8	3.6	1.6	8.0	12.0	Q3
MSPM0L1305TRGER	VQFN	RGE	24	3000	330.0	12.4	4.3	4.3	1.3	8.0	12.0	Q2
MSPM0L1305TRHBR	VQFN	RHB	32	3000	330.0	12.4	5.3	5.3	1.3	8.0	12.0	Q2
MSPM0L1306SDGS20R	VSSOP	DGS	20	5000	330.0	16.4	5.4	5.4	1.45	8.0	16.0	Q1
MSPM0L1306SDGS28R	VSSOP	DGS	28	5000	330.0	16.4	5.5	7.4	1.45	8.0	16.0	Q1
MSPM0L1306SDYYR	SOT-23-THIN	DYY	16	3000	330.0	12.4	4.8	3.6	1.6	8.0	12.0	Q3
MSPM0L1306SRGER	VQFN	RGE	24	3000	330.0	12.4	4.3	4.3	1.3	8.0	12.0	Q2
MSPM0L1306SRGER	VQFN	RGE	24	3000	330.0	12.4	4.25	4.25	1.15	8.0	12.0	Q2
MSPM0L1306SRHBR	VQFN	RHB	32	3000	330.0	12.4	5.3	5.3	1.1	8.0	12.0	Q2
MSPM0L1306SRTRR	WQFN	RTR	16	3000	180.0	8.4	2.25	3.25	1.05	4.0	8.0	Q2
MSPM0L1306TDGS20R	VSSOP	DGS	20	5000	330.0	16.4	5.4	5.4	1.45	8.0	16.0	Q1
MSPM0L1306TDGS28R	VSSOP	DGS	28	5000	330.0	16.4	5.5	7.4	1.45	8.0	16.0	Q1
MSPM0L1306TDYYR	SOT-23-THIN	DYY	16	3000	330.0	12.4	4.8	3.6	1.6	8.0	12.0	Q3
MSPM0L1306TRGER	VQFN	RGE	24	3000	330.0	12.4	4.3	4.3	1.3	8.0	12.0	Q2
MSPM0L1306TRHBR	VQFN	RHB	32	3000	330.0	12.4	5.3	5.3	1.3	8.0	12.0	Q2
MSPM0L1343TDGS20R	VSSOP	DGS	20	5000	330.0	16.4	5.4	5.4	1.45	8.0	16.0	Q1
MSPM0L1344TDGS20R	VSSOP	DGS	20	5000	330.0	16.4	5.4	5.4	1.45	8.0	16.0	Q1
MSPM0L1345TDGS28R	VSSOP	DGS	28	5000	330.0	16.4	5.5	7.4	1.45	8.0	16.0	Q1
MSPM0L1346TDGS28R	VSSOP	DGS	28	5000	330.0	16.4	5.5	7.4	1.45	8.0	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)
MSPM0L1303SRGER	VQFN	RGE	24	3000	356.0	356.0	36.0
MSPM0L1303SRGER	VQFN	RGE	24	3000	367.0	367.0	35.0
MSPM0L1303TRGER	VQFN	RGE	24	3000	356.0	356.0	36.0
MSPM0L1304SDGS20R	VSSOP	DGS	20	5000	353.0	353.0	32.0
MSPM0L1304SDGS28R	VSSOP	DGS	28	5000	353.0	353.0	32.0
MSPM0L1304SDYYR	SOT-23-THIN	DYY	16	3000	336.6	336.6	31.8
MSPM0L1304SRGER	VQFN	RGE	24	3000	356.0	356.0	36.0
MSPM0L1304SRGER	VQFN	RGE	24	3000	367.0	367.0	35.0
MSPM0L1304SRHBR	VQFN	RHB	32	3000	367.0	367.0	35.0
MSPM0L1304SRTRR	WQFN	RTR	16	3000	210.0	185.0	35.0
MSPM0L1304TDGS20R	VSSOP	DGS	20	5000	353.0	353.0	32.0
MSPM0L1304TDGS28R	VSSOP	DGS	28	5000	353.0	353.0	32.0
MSPM0L1304TDYYR	SOT-23-THIN	DYY	16	3000	336.6	336.6	31.8
MSPM0L1304TRGER	VQFN	RGE	24	3000	356.0	356.0	36.0
MSPM0L1304TRGER	VQFN	RGE	24	3000	367.0	367.0	35.0
MSPM0L1304TRHBR	VQFN	RHB	32	3000	367.0	367.0	35.0
MSPM0L1304TRHBR	VQFN	RHB	32	3000	356.0	356.0	36.0
MSPM0L1305SDGS20R	VSSOP	DGS	20	5000	353.0	353.0	32.0

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
MSPM0L1305SDGS28R	VSSOP	DGS	28	5000	353.0	353.0	32.0
MSPM0L1305SDYYR	SOT-23-THIN	DYY	16	3000	336.6	336.6	31.8
MSPM0L1305SRGER	VQFN	RGE	24	3000	356.0	356.0	36.0
MSPM0L1305SRHBR	VQFN	RHB	32	3000	367.0	367.0	35.0
MSPM0L1305SRHBR	VQFN	RHB	32	3000	356.0	356.0	36.0
MSPM0L1305SRTRR	WQFN	RTR	16	3000	210.0	185.0	35.0
MSPM0L1305TDGS20R	VSSOP	DGS	20	5000	353.0	353.0	32.0
MSPM0L1305TDGS28R	VSSOP	DGS	28	5000	353.0	353.0	32.0
MSPM0L1305TDYYR	SOT-23-THIN	DYY	16	3000	336.6	336.6	31.8
MSPM0L1305TRGER	VQFN	RGE	24	3000	356.0	356.0	36.0
MSPM0L1305TRHBR	VQFN	RHB	32	3000	356.0	356.0	36.0
MSPM0L1306SDGS20R	VSSOP	DGS	20	5000	353.0	353.0	32.0
MSPM0L1306SDGS28R	VSSOP	DGS	28	5000	353.0	353.0	32.0
MSPM0L1306SDYYR	SOT-23-THIN	DYY	16	3000	336.6	336.6	31.8
MSPM0L1306SRGER	VQFN	RGE	24	3000	356.0	356.0	36.0
MSPM0L1306SRGER	VQFN	RGE	24	3000	367.0	367.0	35.0
MSPM0L1306SRHBR	VQFN	RHB	32	3000	367.0	367.0	35.0
MSPM0L1306SRTRR	WQFN	RTR	16	3000	210.0	185.0	35.0
MSPM0L1306TDGS20R	VSSOP	DGS	20	5000	353.0	353.0	32.0
MSPM0L1306TDGS28R	VSSOP	DGS	28	5000	353.0	353.0	32.0
MSPM0L1306TDYYR	SOT-23-THIN	DYY	16	3000	336.6	336.6	31.8
MSPM0L1306TRGER	VQFN	RGE	24	3000	356.0	356.0	36.0
MSPM0L1306TRHBR	VQFN	RHB	32	3000	356.0	356.0	36.0
MSPM0L1343TDGS20R	VSSOP	DGS	20	5000	353.0	353.0	32.0
MSPM0L1344TDGS20R	VSSOP	DGS	20	5000	353.0	353.0	32.0
MSPM0L1345TDGS28R	VSSOP	DGS	28	5000	353.0	353.0	32.0
MSPM0L1346TDGS28R	VSSOP	DGS	28	5000	353.0	353.0	32.0