

**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
LM2903ITL/NOPB	DSBGA	YZR	8	250	178.0	8.4	1.7	1.7	0.76	4.0	8.0	Q1
LM2903ITLX/NOPB	DSBGA	YZR	8	3000	178.0	8.4	1.7	1.7	0.76	4.0	8.0	Q1
LM2903MX/NOPB	SOIC	D	8	2500	330.0	12.4	6.5	5.4	2.0	8.0	12.0	Q1
LM393MX	SOIC	D	8	2500	330.0	12.4	6.5	5.4	2.0	8.0	12.0	Q1
LM393MX/NOPB	SOIC	D	8	2500	330.0	12.4	6.5	5.4	2.0	8.0	12.0	Q1
LM393TL/NOPB	DSBGA	YZR	8	250	178.0	8.4	1.7	1.7	0.76	4.0	8.0	Q1
LM393TLX/NOPB	DSBGA	YZR	8	3000	178.0	8.4	1.7	1.7	0.76	4.0	8.0	Q1

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
LM2903ITL/NOPB	DSBGA	YZR	8	250	208.0	191.0	35.0
LM2903ITLX/NOPB	DSBGA	YZR	8	3000	208.0	191.0	35.0
LM2903MX/NOPB	SOIC	D	8	2500	367.0	367.0	35.0
LM393MX	SOIC	D	8	2500	367.0	367.0	35.0
LM393MX/NOPB	SOIC	D	8	2500	367.0	367.0	35.0
LM393TL/NOPB	DSBGA	YZR	8	250	208.0	191.0	35.0
LM393TLX/NOPB	DSBGA	YZR	8	3000	208.0	191.0	35.0

**TUBE**


\*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	L (mm)	W (mm)	T (μm)	B (mm)
LM2903M	D	SOIC	8	95	495	8	4064	3.05
LM2903M	D	SOIC	8	95	495	8	4064	3.05
LM2903M/NOPB	D	SOIC	8	95	495	8	4064	3.05
LM2903N/NOPB	P	PDIP	8	40	502	14	11938	4.32
LM393M	D	SOIC	8	95	495	8	4064	3.05
LM393M	D	SOIC	8	95	495	8	4064	3.05
LM393M/NOPB	D	SOIC	8	95	495	8	4064	3.05
LM393N/NOPB	P	PDIP	8	40	502	14	11938	4.32