

**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
DS90LV031ATMTCX/NOPB	TSSOP	PW	16	2500	330.0	12.4	6.95	5.6	1.6	8.0	12.0	Q1
DS90LV031ATMX/NOPB	SOIC	D	16	2500	330.0	16.4	6.5	10.3	2.3	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)
DS90LV031ATMTCX/ NOPB	TSSOP	PW	16	2500	367.0	367.0	35.0
DS90LV031ATMX/NOPB	SOIC	D	16	2500	356.0	356.0	35.0

**TUBE**


\*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	L (mm)	W (mm)	T (μm)	B (mm)
DS90LV031ATM	D	SOIC	16	48	495	8	4064	3.05
DS90LV031ATM	D	SOIC	16	48	495	8	4064	3.05
DS90LV031ATM/NOPB	D	SOIC	16	48	495	8	4064	3.05
DS90LV031ATMTC	PW	TSSOP	16	92	495	8	2514.6	4.06
DS90LV031ATMTC	PW	TSSOP	16	92	495	8	2514.6	4.06
DS90LV031ATMTC/NOPB	PW	TSSOP	16	92	495	8	2514.6	4.06