

**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
SN74LV164ABQAR	WQFN	BQA	14	3000	180.0	12.4	2.8	3.3	1.1	4.0	12.0	Q1
SN74LV164ADBDR	SSOP	DB	14	2000	330.0	16.4	8.35	6.6	2.4	12.0	16.0	Q1
SN74LV164ADGVR	TVSOP	DGV	14	2000	330.0	12.4	6.8	4.0	1.6	8.0	12.0	Q1
SN74LV164ADR	SOIC	D	14	2500	330.0	16.4	6.5	9.0	2.1	8.0	16.0	Q1
SN74LV164ADRG4	SOIC	D	14	2500	330.0	16.4	6.5	9.0	2.1	8.0	16.0	Q1
SN74LV164ANSR	SOP	NS	14	2000	330.0	16.4	8.45	10.55	2.5	12.0	16.2	Q1
SN74LV164APWR	TSSOP	PW	14	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
SN74LV164ARGYR	VQFN	RGY	14	3000	330.0	12.4	3.75	3.75	1.15	8.0	12.0	Q1
SN74LV164ARGYRG4	VQFN	RGY	14	3000	330.0	12.4	3.75	3.75	1.15	8.0	12.0	Q1

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
SN74LV164ABQAR	WQFN	BQA	14	3000	210.0	185.0	35.0
SN74LV164ADBR	SSOP	DB	14	2000	353.0	353.0	32.0
SN74LV164ADGVR	TVSOP	DGV	14	2000	353.0	353.0	32.0
SN74LV164ADR	SOIC	D	14	2500	353.0	353.0	32.0
SN74LV164ADRG4	SOIC	D	14	2500	353.0	353.0	32.0
SN74LV164ANSR	SOP	NS	14	2000	353.0	353.0	32.0
SN74LV164APWR	TSSOP	PW	14	2000	353.0	353.0	32.0
SN74LV164ARGYR	VQFN	RGY	14	3000	360.0	360.0	36.0
SN74LV164ARGYRG4	VQFN	RGY	14	3000	360.0	360.0	36.0