

**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
SN74LV165ABQBR	WQFN	BQB	16	3000	180.0	12.4	2.8	3.8	1.2	4.0	12.0	Q1
SN74LV165ADBDR	SSOP	DB	16	2000	330.0	16.4	8.35	6.6	2.4	12.0	16.0	Q1
SN74LV165ADGVR	TVSOP	DGV	16	2000	330.0	12.4	6.8	4.0	1.6	8.0	12.0	Q1
SN74LV165ADRG3	SOIC	D	16	2500	330.0	16.8	6.5	10.3	2.1	8.0	16.0	Q1
SN74LV165ADRG4	SOIC	D	16	2500	330.0	16.4	6.5	10.3	2.1	8.0	16.0	Q1
SN74LV165ANSR	SO	NS	16	2000	330.0	16.4	8.2	10.5	2.5	12.0	16.0	Q1
SN74LV165APWR	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
SN74LV165APWR	TSSOP	PW	16	2000	330.0	12.4	6.85	5.45	1.6	8.0	12.0	Q1
SN74LV165APWR	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
SN74LV165APWRG3	TSSOP	PW	16	2000	330.0	12.4	6.85	5.45	1.6	8.0	12.0	Q1
SN74LV165ARGYR	VQFN	RGY	16	3000	330.0	12.4	3.8	4.3	1.5	8.0	12.0	Q1
SN74LV165ARGYR	VQFN	RGY	16	3000	330.0	12.4	3.8	4.3	1.5	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)
SN74LV165ABQBR	WQFN	BQB	16	3000	210.0	185.0	35.0
SN74LV165ADBR	SSOP	DB	16	2000	356.0	356.0	35.0
SN74LV165ADGVR	TVSOP	DGV	16	2000	356.0	356.0	35.0
SN74LV165ADRG3	SOIC	D	16	2500	364.0	364.0	27.0
SN74LV165ADRG4	SOIC	D	16	2500	340.5	336.1	32.0
SN74LV165ANSR	SO	NS	16	2000	356.0	356.0	35.0
SN74LV165APWR	TSSOP	PW	16	2000	356.0	356.0	35.0
SN74LV165APWR	TSSOP	PW	16	2000	366.0	364.0	50.0
SN74LV165APWR	TSSOP	PW	16	2000	353.0	353.0	32.0
SN74LV165APWRG3	TSSOP	PW	16	2000	366.0	364.0	50.0
SN74LV165ARGYR	VQFN	RGY	16	3000	356.0	356.0	35.0
SN74LV165ARGYR	VQFN	RGY	16	3000	360.0	360.0	36.0