

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
SN74HC165DBR	SSOP	DB	16	2000	330.0	16.4	8.35	6.6	2.4	12.0	16.0	Q1
SN74HC165DR	SOIC	D	16	2500	330.0	16.4	6.5	10.3	2.1	8.0	16.0	Q1
SN74HC165DR	SOIC	D	16	2500	330.0	16.4	6.5	10.3	2.1	8.0	16.0	Q1
SN74HC165DRG3	SOIC	D	16	2500	330.0	16.8	6.5	10.3	2.1	8.0	16.0	Q1
SN74HC165DRG4	SOIC	D	16	2500	330.0	16.4	6.5	10.3	2.1	8.0	16.0	Q1
SN74HC165DRG4	SOIC	D	16	2500	330.0	16.4	6.5	10.3	2.1	8.0	16.0	Q1
SN74HC165NSR	SO	NS	16	2000	330.0	16.4	8.2	10.5	2.5	12.0	16.0	Q1
SN74HC165NSR	SO	NS	16	2000	330.0	16.4	8.45	10.55	2.5	12.0	16.2	Q1
SN74HC165PWR	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
SN74HC165PWR	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
SN74HC165PWRG3	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
SN74HC165PWRG4	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
SN74HC165PWRG4	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	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)
SN74HC165DBR	SSOP	DB	16	2000	356.0	356.0	35.0
SN74HC165DR	SOIC	D	16	2500	356.0	356.0	35.0
SN74HC165DR	SOIC	D	16	2500	356.0	356.0	35.0
SN74HC165DRG3	SOIC	D	16	2500	364.0	364.0	27.0
SN74HC165DRG4	SOIC	D	16	2500	356.0	356.0	35.0
SN74HC165DRG4	SOIC	D	16	2500	353.0	353.0	32.0
SN74HC165NSR	SO	NS	16	2000	356.0	356.0	35.0
SN74HC165NSR	SO	NS	16	2000	356.0	356.0	35.0
SN74HC165PWR	TSSOP	PW	16	2000	356.0	356.0	35.0
SN74HC165PWR	TSSOP	PW	16	2000	356.0	356.0	35.0
SN74HC165PWRG3	TSSOP	PW	16	2000	364.0	364.0	27.0
SN74HC165PWRG4	TSSOP	PW	16	2000	356.0	356.0	35.0
SN74HC165PWRG4	TSSOP	PW	16	2000	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)
84095012A	FK	LCCC	20	55	506.98	12.06	2030	NA
8409501FA	W	CFP	16	25	506.98	26.16	6220	NA
SN74HC165N	N	PDIP	16	25	506	13.97	11230	4.32
SN74HC165N	N	PDIP	16	25	506	13.97	11230	4.32
SN74HC165NE4	N	PDIP	16	25	506	13.97	11230	4.32
SN74HC165NE4	N	PDIP	16	25	506	13.97	11230	4.32
SNJ54HC165FK	FK	LCCC	20	55	506.98	12.06	2030	NA
SNJ54HC165W	W	CFP	16	25	506.98	26.16	6220	NA