PACKAGE MATERIALS INFORMATION

TAPE AND REEL INFORMATION

REEL DIMENSIONS

TAPE DIMENSIONS

A0	Dimension designed to accommodate the component width
B0	Dimension designed to accommodate the component length
K0	Dimension designed to accommodate the component thickness
W	Overall width of the carrier tape
P1	Pitch between successive cavity centers

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
SN65HVD20DR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
SN65HVD20DR1G4	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
SN65HVD21DR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
SN65HVD21DRG4	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
SN65HVD22DR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
SN65HVD23DR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
SN65HVD23DR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
SN65HVD23DRG4	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
SN65HVD24DR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	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)
SN65HVD20DR	SOIC	D	8	2500	340.5	336.1	25.0
SN65HVD20DR1G4	SOIC	D	8	2500	353.0	353.0	32.0
SN65HVD21DR	SOIC	D	8	2500	340.5	336.1	25.0
SN65HVD21DRG4	SOIC	D	8	2500	353.0	353.0	32.0
SN65HVD22DR	SOIC	D	8	2500	340.5	336.1	25.0
SN65HVD23DR	SOIC	D	8	2500	340.5	336.1	25.0
SN65HVD23DR	SOIC	D	8	2500	353.0	353.0	32.0
SN65HVD23DRG4	SOIC	D	8	2500	353.0	353.0	32.0
SN65HVD24DR	SOIC	D	8	2500	340.5	336.1	25.0

TUBE

T - Tube height

L - Tube length

W - Tube width

B - Alignment groove width

*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	L (mm)	W (mm)	T (µm)	B (mm)
SN65HVD20P	P	PDIP	8	50	506	13.97	11230	4.32
SN65HVD20P.A	P	PDIP	8	50	506	13.97	11230	4.32
SN65HVD21P	P	PDIP	8	50	506	13.97	11230	4.32
SN65HVD21P.A	P	PDIP	8	50	506	13.97	11230	4.32
SN65HVD22P	P	PDIP	8	50	506	13.97	11230	4.32
SN65HVD22P.A	P	PDIP	8	50	506	13.97	11230	4.32
SN65HVD23P	P	PDIP	8	50	506	13.97	11230	4.32
SN65HVD23P.A	P	PDIP	8	50	506	13.97	11230	4.32