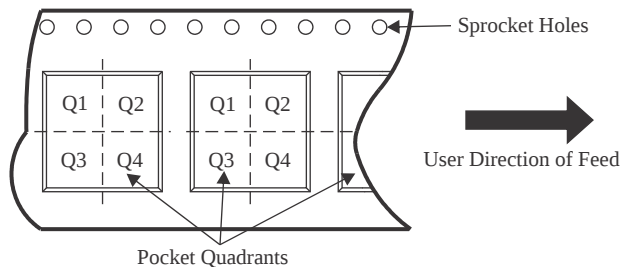


TAPE AND REEL INFORMATION



QUADRANT ASSIGNMENTS FOR PIN 1 ORIENTATION IN TAPE

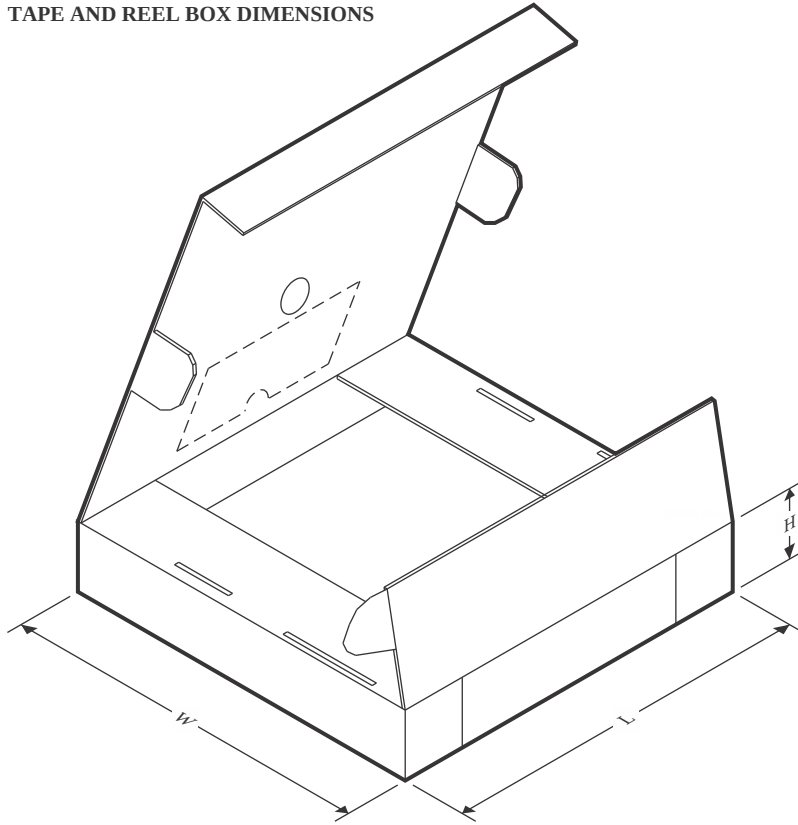


*All dimensions are nominal

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
ULN2003ADR	SOIC	D	16	2500	330.0	16.4	6.5	10.3	2.1	8.0	16.0	Q1
ULN2003ADR	SOIC	D	16	2500	330.0	16.4	6.5	10.3	2.1	8.0	16.0	Q1
ULN2003ADR	SOIC	D	16	2500	330.0	16.4	6.5	10.3	2.1	8.0	16.0	Q1
ULN2003ADYYR	SOT-23-THIN	DYY	16	3000	330.0	12.4	4.8	3.6	1.6	8.0	12.0	Q3
ULN2003AIDR	SOIC	D	16	2500	330.0	16.4	6.5	10.3	2.1	8.0	16.0	Q1
ULN2003AIDR	SOIC	D	16	2500	330.0	16.4	6.5	10.3	2.1	8.0	16.0	Q1
ULN2003AINSR	SOP	NS	16	2000	330.0	16.4	8.1	10.4	2.5	12.0	16.0	Q1
ULN2003AINSR	SOP	NS	16	2000	330.0	16.4	8.45	10.55	2.5	12.0	16.2	Q1
ULN2003AIPWR	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
ULN2003AIPWR	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
ULN2003AIPWR	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
ULN2003ANSR	SOP	NS	16	2000	330.0	16.4	8.45	10.55	2.5	12.0	16.2	Q1
ULN2003ANSR	SOP	NS	16	2000	330.0	16.4	8.1	10.4	2.5	12.0	16.0	Q1
ULN2003APWR	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
ULN2003APWR	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1

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
ULN2003APWR	TSSOP	PW	16	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
ULN2004ADR	SOIC	D	16	2500	330.0	16.4	6.5	10.3	2.1	8.0	16.0	Q1
ULN2004ADR	SOIC	D	16	2500	330.0	16.4	6.5	10.3	2.1	8.0	16.0	Q1
ULN2004ADYYR	SOT-23-THIN	DYY	16	3000	330.0	12.4	4.8	3.6	1.6	8.0	12.0	Q3
ULN2004ANSR	SOP	NS	16	2000	330.0	16.4	8.1	10.4	2.5	12.0	16.0	Q1

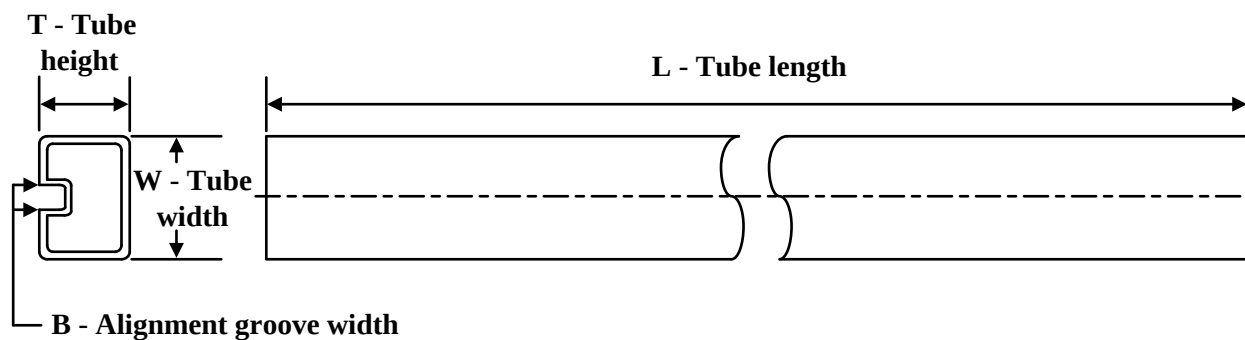
TAPE AND REEL BOX DIMENSIONS



*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
ULN2003ADR	SOIC	D	16	2500	353.0	353.0	32.0
ULN2003ADR	SOIC	D	16	2500	340.5	336.1	32.0
ULN2003ADR	SOIC	D	16	2500	353.0	353.0	32.0
ULN2003ADYYR	SOT-23-THIN	DYY	16	3000	336.6	336.6	31.8
ULN2003AIDR	SOIC	D	16	2500	353.0	353.0	32.0
ULN2003AIDR	SOIC	D	16	2500	340.5	336.1	32.0
ULN2003AINSR	SOP	NS	16	2000	353.0	353.0	32.0
ULN2003AINSR	SOP	NS	16	2000	353.0	353.0	32.0
ULN2003AIPWR	TSSOP	PW	16	2000	353.0	353.0	32.0
ULN2003AIPWR	TSSOP	PW	16	2000	353.0	353.0	32.0
ULN2003AIPWR	TSSOP	PW	16	2000	356.0	356.0	35.0
ULN2003ANSR	SOP	NS	16	2000	353.0	353.0	32.0
ULN2003ANSR	SOP	NS	16	2000	353.0	353.0	32.0
ULN2003APWR	TSSOP	PW	16	2000	353.0	353.0	32.0
ULN2003APWR	TSSOP	PW	16	2000	353.0	353.0	32.0
ULN2003APWR	TSSOP	PW	16	2000	356.0	356.0	35.0
ULN2004ADR	SOIC	D	16	2500	353.0	353.0	32.0
ULN2004ADR	SOIC	D	16	2500	340.5	336.1	32.0

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
ULN2004ADYYR	SOT-23-THIN	DYY	16	3000	336.6	336.6	31.8
ULN2004ANSR	SOP	NS	16	2000	353.0	353.0	32.0

TUBE


*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	L (mm)	W (mm)	T (μm)	B (mm)
ULN2002AN	N	PDIP	16	25	506	13.97	11230	4.32
ULN2002AN.A	N	PDIP	16	25	506	13.97	11230	4.32
ULN2002ANE4	N	PDIP	16	25	506	13.97	11230	4.32
ULN2003AN	N	PDIP	16	25	506	13.97	11230	4.32
ULN2003AN	N	PDIP	16	25	506	13.97	11230	4.32
ULN2003AN	N	PDIP	16	25	506.1	9	600	5.4
ULN2003AN.A	N	PDIP	16	25	506	13.97	11230	4.32
ULN2003AN.A	N	PDIP	16	25	506	13.97	11230	4.32
ULN2003AN.A	N	PDIP	16	25	506.1	9	600	5.4
ULN2004AN	N	PDIP	16	25	506	13.97	11230	4.32
ULN2004AN	N	PDIP	16	25	506	13.97	11230	4.32
ULN2004AN.A	N	PDIP	16	25	506	13.97	11230	4.32
ULN2004AN.A	N	PDIP	16	25	506	13.97	11230	4.32
ULN2004ANE4	N	PDIP	16	25	506	13.97	11230	4.32
ULN2004ANE4	N	PDIP	16	25	506	13.97	11230	4.32
ULQ2003AN	N	PDIP	16	25	506	13.97	11230	4.32
ULQ2003AN	N	PDIP	16	25	506	13.97	11230	4.32
ULQ2003AN.A	N	PDIP	16	25	506	13.97	11230	4.32
ULQ2003AN.A	N	PDIP	16	25	506	13.97	11230	4.32
ULQ2004AD	D	SOIC	16	40	507	8	3940	4.32
ULQ2004AD.A	D	SOIC	16	40	507	8	3940	4.32
ULQ2004ADG4	D	SOIC	16	40	507	8	3940	4.32
ULQ2004ADG4.A	D	SOIC	16	40	507	8	3940	4.32
ULQ2004AN	N	PDIP	16	25	506	13.97	11230	4.32
ULQ2004AN.A	N	PDIP	16	25	506	13.97	11230	4.32