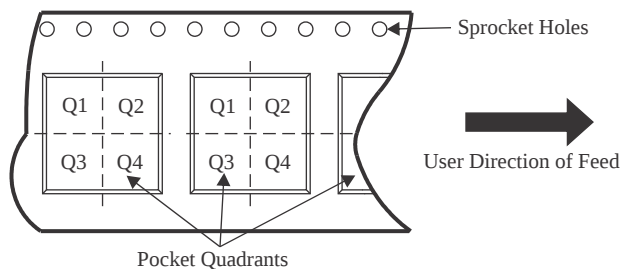


TAPE AND REEL INFORMATION



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
OPA191IDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.23	3.17	1.37	4.0	8.0	Q3
OPA191IDBVRG4	SOT-23	DBV	5	3000	180.0	8.4	3.23	3.17	1.37	4.0	8.0	Q3
OPA191IDBVT	SOT-23	DBV	5	250	180.0	8.4	3.23	3.17	1.37	4.0	8.0	Q3
OPA191IDGKR	VSSOP	DGK	8	2500	330.0	12.4	5.3	3.4	1.4	8.0	12.0	Q1
OPA191IDGKRG4	VSSOP	DGK	8	2500	330.0	12.4	5.3	3.4	1.4	8.0	12.0	Q1
OPA191IDGKT	VSSOP	DGK	8	250	177.8	12.4	5.3	3.4	1.4	8.0	12.0	Q1
OPA191IDR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA191IDRG4	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA2191IDGKR	VSSOP	DGK	8	2500	330.0	12.4	5.3	3.4	1.4	8.0	12.0	Q1
OPA2191IDGKT	VSSOP	DGK	8	250	180.0	12.4	5.3	3.4	1.4	8.0	12.0	Q1
OPA2191IDGKTG4	VSSOP	DGK	8	250	180.0	12.4	5.3	3.4	1.4	8.0	12.0	Q1
OPA2191IDR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA2191IDRG4	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA4191IDR	SOIC	D	14	2500	330.0	16.4	6.5	9.0	2.1	8.0	16.0	Q1
OPA4191IPWR	TSSOP	PW	14	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
OPA4191IPWT	TSSOP	PW	14	250	180.0	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
OPA4191IRUMR	WQFN	RUM	16	3000	330.0	12.4	4.25	4.25	1.15	8.0	12.0	Q2
OPA4191IRUMRG4	WQFN	RUM	16	3000	330.0	12.4	4.25	4.25	1.15	8.0	12.0	Q2
OPA4191IRUMT	WQFN	RUM	16	250	180.0	12.4	4.25	4.25	1.15	8.0	12.0	Q2

TAPE AND REEL BOX DIMENSIONS



*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
OPA191IDBVR	SOT-23	DBV	5	3000	213.0	191.0	35.0
OPA191IDBVRG4	SOT-23	DBV	5	3000	213.0	191.0	35.0
OPA191IDBVT	SOT-23	DBV	5	250	223.0	270.0	35.0
OPA191IDGKR	VSSOP	DGK	8	2500	346.0	346.0	29.0
OPA191IDGKRG4	VSSOP	DGK	8	2500	346.0	346.0	29.0
OPA191IDGKT	VSSOP	DGK	8	250	213.0	191.0	35.0
OPA191IDR	SOIC	D	8	2500	353.0	353.0	32.0
OPA191IDRG4	SOIC	D	8	2500	353.0	353.0	32.0
OPA2191IDGKR	VSSOP	DGK	8	2500	353.0	353.0	32.0
OPA2191IDGKT	VSSOP	DGK	8	250	213.0	191.0	35.0
OPA2191IDGKTG4	VSSOP	DGK	8	250	213.0	191.0	35.0
OPA2191IDR	SOIC	D	8	2500	353.0	353.0	32.0
OPA2191IDRG4	SOIC	D	8	2500	353.0	353.0	32.0
OPA4191IDR	SOIC	D	14	2500	353.0	353.0	32.0
OPA4191IPWR	TSSOP	PW	14	2000	353.0	353.0	32.0
OPA4191IPWT	TSSOP	PW	14	250	213.0	191.0	35.0
OPA4191IRUMR	WQFN	RUM	16	3000	367.0	367.0	35.0
OPA4191IRUMRG4	WQFN	RUM	16	3000	367.0	367.0	35.0

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
OPA4191IRUMT	WQFN	RUM	16	250	210.0	185.0	35.0

TUBE



*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	L (mm)	W (mm)	T (μm)	B (mm)
OPA191ID	D	SOIC	8	75	506.6	8	3940	4.32
OPA191ID.B	D	SOIC	8	75	506.6	8	3940	4.32
OPA2191ID	D	SOIC	8	75	506.6	8	3940	4.32
OPA2191ID.B	D	SOIC	8	75	506.6	8	3940	4.32
OPA4191ID	D	SOIC	14	50	506.6	8	3940	4.32
OPA4191ID.B	D	SOIC	14	50	506.6	8	3940	4.32
OPA4191IDG4	D	SOIC	14	50	506.6	8	3940	4.32
OPA4191IDG4.B	D	SOIC	14	50	506.6	8	3940	4.32