

## 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
OPA2227U/2K5	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA2227U/2K5	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA2227UA/2K5	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA2227UA/2K5	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA2228U/2K5	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA2228U/2K5	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA2228UA/2K5	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA2228UA/2K5	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA2228UA/2K5	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA227U/2K5	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA227U/2K5	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA227UA/2K5	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA227UA/2K5	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA228UA/2K5	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA228UA/2K5	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA4227UA/2K5	SOIC	D	14	2500	330.0	16.4	6.5	9.0	2.1	8.0	16.0	Q1
OPA4227UA/2K5	SOIC	D	14	2500	330.0	16.4	6.5	9.0	2.1	8.0	16.0	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
OPA4228UA/2K5	SOIC	D	14	2500	330.0	16.4	6.5	9.0	2.1	8.0	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)
OPA2227U/2K5	SOIC	D	8	2500	356.0	356.0	35.0
OPA2227U/2K5	SOIC	D	8	2500	356.0	356.0	35.0
OPA2227UA/2K5	SOIC	D	8	2500	356.0	356.0	35.0
OPA2227UA/2K5	SOIC	D	8	2500	356.0	356.0	35.0
OPA2228U/2K5	SOIC	D	8	2500	356.0	356.0	35.0
OPA2228U/2K5	SOIC	D	8	2500	367.0	367.0	35.0
OPA2228UA/2K5	SOIC	D	8	2500	356.0	356.0	35.0
OPA2228UA/2K5	SOIC	D	8	2500	356.0	356.0	35.0
OPA227U/2K5	SOIC	D	8	2500	356.0	356.0	35.0
OPA227U/2K5	SOIC	D	8	2500	356.0	356.0	35.0
OPA227UA/2K5	SOIC	D	8	2500	356.0	356.0	35.0
OPA227UA/2K5	SOIC	D	8	2500	356.0	356.0	35.0
OPA228UA/2K5	SOIC	D	8	2500	356.0	356.0	35.0
OPA228UA/2K5	SOIC	D	8	2500	356.0	356.0	35.0
OPA4227UA/2K5	SOIC	D	14	2500	356.0	356.0	35.0
OPA4227UA/2K5	SOIC	D	14	2500	356.0	356.0	35.0
OPA4228UA/2K5	SOIC	D	14	2500	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)
OPA2227P	P	PDIP	8	50	506	13.97	11230	4.32
OPA2227PA	P	PDIP	8	50	506	13.97	11230	4.32
OPA2227U	D	SOIC	8	75	506.6	8	3940	4.32
OPA2227UA	D	SOIC	8	75	506.6	8	3940	4.32
OPA2228P	P	PDIP	8	50	506	13.97	11230	4.32
OPA2228PA	P	PDIP	8	50	506	13.97	11230	4.32
OPA2228PAG4	P	PDIP	8	50	506	13.97	11230	4.32
OPA2228PG4	P	PDIP	8	50	506	13.97	11230	4.32
OPA2228U	D	SOIC	8	75	506.6	8	3940	4.32
OPA2228UA	D	SOIC	8	75	506.6	8	3940	4.32
OPA227P	P	PDIP	8	50	506	13.97	11230	4.32
OPA227PA	P	PDIP	8	50	506	13.97	11230	4.32
OPA227PAG4	P	PDIP	8	50	506	13.97	11230	4.32
OPA227PG4	P	PDIP	8	50	506	13.97	11230	4.32
OPA227U	D	SOIC	8	75	506.6	8	3940	4.32
OPA227UA	D	SOIC	8	75	506.6	8	3940	4.32
OPA228P	P	PDIP	8	50	506	13.97	11230	4.32
OPA228PA	P	PDIP	8	50	506	13.97	11230	4.32
OPA228PAG4	P	PDIP	8	50	506	13.97	11230	4.32
OPA228U	D	SOIC	8	75	506.6	8	3940	4.32
OPA228UA	D	SOIC	8	75	506.6	8	3940	4.32
OPA4227PA	N	PDIP	14	25	506	13.97	11230	4.32
OPA4227PAG4	N	PDIP	14	25	506	13.97	11230	4.32
OPA4227UA	D	SOIC	14	50	506.6	8	3940	4.32
OPA4228PA	N	PDIP	14	25	506	13.97	11230	4.32
OPA4228UA	D	SOIC	14	50	506.6	8	3940	4.32