

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
LM431ACM3/NOPB	SOT-23	DBZ	3	1000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431ACM3X	SOT-23	DBZ	3	3000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431ACM3X/NOPB	SOT-23	DBZ	3	3000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431ACMX/NOPB	SOIC	D	8	2500	330.0	12.4	6.5	5.4	2.0	8.0	12.0	Q1
LM431AIM3	SOT-23	DBZ	3	1000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431AIM3/NOPB	SOT-23	DBZ	3	1000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431AIM3X/NOPB	SOT-23	DBZ	3	3000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431AIMX/NOPB	SOIC	D	8	2500	330.0	12.4	6.5	5.4	2.0	8.0	12.0	Q1
LM431BCM3	SOT-23	DBZ	3	1000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431BCM3/NOPB	SOT-23	DBZ	3	1000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431BCM3X/NOPB	SOT-23	DBZ	3	3000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431BCMX/NOPB	SOIC	D	8	2500	330.0	12.4	6.5	5.4	2.0	8.0	12.0	Q1
LM431BIM3	SOT-23	DBZ	3	1000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431BIM3/NOPB	SOT-23	DBZ	3	1000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431BIM3X	SOT-23	DBZ	3	3000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431BIM3X/NOPB	SOT-23	DBZ	3	3000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3

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
LM431BIMX/NOPB	SOIC	D	8	2500	330.0	12.4	6.5	5.4	2.0	8.0	12.0	Q1
LM431CCM3/NOPB	SOT-23	DBZ	3	1000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431CCM3X	SOT-23	DBZ	3	3000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431CCM3X/NOPB	SOT-23	DBZ	3	3000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431CIM3	SOT-23	DBZ	3	1000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431CIM3/NOPB	SOT-23	DBZ	3	1000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431CIM3X	SOT-23	DBZ	3	3000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3
LM431CIM3X/NOPB	SOT-23	DBZ	3	3000	178.0	8.4	3.3	2.9	1.22	4.0	8.0	Q3

TAPE AND REEL BOX DIMENSIONS


*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
LM431ACM3/NOPB	SOT-23	DBZ	3	1000	208.0	191.0	35.0
LM431ACM3X	SOT-23	DBZ	3	3000	208.0	191.0	35.0
LM431ACM3X/NOPB	SOT-23	DBZ	3	3000	208.0	191.0	35.0
LM431ACMX/NOPB	SOIC	D	8	2500	367.0	367.0	35.0
LM431AIM3	SOT-23	DBZ	3	1000	208.0	191.0	35.0
LM431AIM3/NOPB	SOT-23	DBZ	3	1000	208.0	191.0	35.0
LM431AIM3X/NOPB	SOT-23	DBZ	3	3000	208.0	191.0	35.0
LM431AIMX/NOPB	SOIC	D	8	2500	367.0	367.0	35.0
LM431BCM3	SOT-23	DBZ	3	1000	208.0	191.0	35.0
LM431BCM3/NOPB	SOT-23	DBZ	3	1000	208.0	191.0	35.0
LM431BCM3X/NOPB	SOT-23	DBZ	3	3000	208.0	191.0	35.0
LM431BCMX/NOPB	SOIC	D	8	2500	367.0	367.0	35.0
LM431BIM3	SOT-23	DBZ	3	1000	208.0	191.0	35.0
LM431BIM3/NOPB	SOT-23	DBZ	3	1000	208.0	191.0	35.0
LM431BIM3X	SOT-23	DBZ	3	3000	208.0	191.0	35.0
LM431BIM3X/NOPB	SOT-23	DBZ	3	3000	208.0	191.0	35.0
LM431BIMX/NOPB	SOIC	D	8	2500	367.0	367.0	35.0
LM431CCM3/NOPB	SOT-23	DBZ	3	1000	208.0	191.0	35.0

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
LM431CCM3X	SOT-23	DBZ	3	3000	208.0	191.0	35.0
LM431CCM3X/NOPB	SOT-23	DBZ	3	3000	208.0	191.0	35.0
LM431CIM3	SOT-23	DBZ	3	1000	208.0	191.0	35.0
LM431CIM3/NOPB	SOT-23	DBZ	3	1000	208.0	191.0	35.0
LM431CIM3X	SOT-23	DBZ	3	3000	208.0	191.0	35.0
LM431CIM3X/NOPB	SOT-23	DBZ	3	3000	208.0	191.0	35.0

TUBE


*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	L (mm)	W (mm)	T (μm)	B (mm)
LM431ACM/NOPB	D	SOIC	8	95	495	8	4064	3.05
LM431AIM	D	SOIC	8	95	495	8	4064	3.05
LM431AIM	D	SOIC	8	95	495	8	4064	3.05
LM431AIM/NOPB	D	SOIC	8	95	495	8	4064	3.05
LM431BCM/NOPB	D	SOIC	8	95	495	8	4064	3.05
LM431BIM	D	SOIC	8	95	495	8	4064	3.05
LM431BIM	D	SOIC	8	95	495	8	4064	3.05
LM431BIM/NOPB	D	SOIC	8	95	495	8	4064	3.05
LM431CCM/NOPB	D	SOIC	8	95	495	8	4064	3.05
LM431CIM	D	SOIC	8	95	495	8	4064	3.05
LM431CIM	D	SOIC	8	95	495	8	4064	3.05
LM431CIM/NOPB	D	SOIC	8	95	495	8	4064	3.05