

## 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
INA190A1IDCKR	SC70	DCK	6	3000	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
INA190A1IDCKT	SC70	DCK	6	250	178.0	9.0	2.4	2.5	1.2	4.0	8.0	Q3
INA190A1IDCKT	SC70	DCK	6	250	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
INA190A1IDDFR	SOT-23-THIN	DDF	8	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
INA190A1IDDFRG4	SOT-23-THIN	DDF	8	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
INA190A1IRSWR	UQFN	RSW	10	3000	180.0	8.4	1.7	2.1	0.7	4.0	8.0	Q1
INA190A1IRSWRG4	UQFN	RSW	10	3000	180.0	8.4	1.7	2.1	0.7	4.0	8.0	Q1
INA190A2IDCKR	SC70	DCK	6	3000	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
INA190A2IDCKRG4	SC70	DCK	6	3000	178.0	9.0	2.4	2.5	1.2	4.0	8.0	Q3
INA190A2IDCKT	SC70	DCK	6	250	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
INA190A2IDDFR	SOT-23-THIN	DDF	8	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
INA190A2IRSWR	UQFN	RSW	10	3000	180.0	9.5	1.6	2.0	0.8	4.0	8.0	Q1
INA190A3IDCKR	SC70	DCK	6	3000	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
INA190A3IDCKR	SC70	DCK	6	3000	178.0	9.0	2.4	2.5	1.2	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
INA190A3IDDFR	SOT-23-THIN	DDF	8	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
INA190A3IRSWR	UQFN	RSW	10	3000	180.0	9.5	1.6	2.0	0.8	4.0	8.0	Q1
INA190A4IDCKR	SC70	DCK	6	3000	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
INA190A4IDCKRG4	SC70	DCK	6	3000	178.0	9.0	2.4	2.5	1.2	4.0	8.0	Q3
INA190A4IDDFR	SOT-23-THIN	DDF	8	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
INA190A4IRSWR	UQFN	RSW	10	3000	180.0	9.5	1.6	2.0	0.8	4.0	8.0	Q1
INA190A4IRSWR	UQFN	RSW	10	3000	180.0	8.4	1.7	2.1	0.7	4.0	8.0	Q1
INA190A5IDCKR	SC70	DCK	6	3000	178.0	9.0	2.4	2.5	1.2	4.0	8.0	Q3
INA190A5IDCKR	SC70	DCK	6	3000	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
INA190A5IDDFR	SOT-23-THIN	DDF	8	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
INA190A5IRSWR	UQFN	RSW	10	3000	180.0	9.5	1.6	2.0	0.8	4.0	8.0	Q1
INA190A5IRSWR	UQFN	RSW	10	3000	180.0	8.4	1.7	2.1	0.7	4.0	8.0	Q1

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
INA190A1IDCKR	SC70	DCK	6	3000	210.0	185.0	35.0
INA190A1IDCKT	SC70	DCK	6	250	180.0	180.0	18.0
INA190A1IDCKT	SC70	DCK	6	250	210.0	185.0	35.0
INA190A1IDDFR	SOT-23-THIN	DDF	8	3000	210.0	185.0	35.0
INA190A1IDDFRG4	SOT-23-THIN	DDF	8	3000	210.0	185.0	35.0
INA190A1IRSWR	UQFN	RSW	10	3000	210.0	185.0	35.0
INA190A1IRSWRG4	UQFN	RSW	10	3000	210.0	185.0	35.0
INA190A2IDCKR	SC70	DCK	6	3000	210.0	185.0	35.0
INA190A2IDCKRG4	SC70	DCK	6	3000	180.0	180.0	18.0
INA190A2IDCKT	SC70	DCK	6	250	210.0	185.0	35.0
INA190A2IDDFR	SOT-23-THIN	DDF	8	3000	210.0	185.0	35.0
INA190A2IRSWR	UQFN	RSW	10	3000	189.0	185.0	36.0
INA190A3IDCKR	SC70	DCK	6	3000	210.0	185.0	35.0
INA190A3IDCKR	SC70	DCK	6	3000	180.0	180.0	18.0
INA190A3IDDFR	SOT-23-THIN	DDF	8	3000	210.0	185.0	35.0
INA190A3IRSWR	UQFN	RSW	10	3000	189.0	185.0	36.0
INA190A4IDCKR	SC70	DCK	6	3000	210.0	185.0	35.0
INA190A4IDCKRG4	SC70	DCK	6	3000	180.0	180.0	18.0

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
INA190A4IDDFR	SOT-23-THIN	DDF	8	3000	210.0	185.0	35.0
INA190A4IRSWR	UQFN	RSW	10	3000	189.0	185.0	36.0
INA190A4IRSWR	UQFN	RSW	10	3000	210.0	185.0	35.0
INA190A5IDCKR	SC70	DCK	6	3000	180.0	180.0	18.0
INA190A5IDCKR	SC70	DCK	6	3000	210.0	185.0	35.0
INA190A5IDDFR	SOT-23-THIN	DDF	8	3000	210.0	185.0	35.0
INA190A5IRSWR	UQFN	RSW	10	3000	189.0	185.0	36.0
INA190A5IRSWR	UQFN	RSW	10	3000	210.0	185.0	35.0