

**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
DS90UR124IVSX/NOPB	TQFP	PAG	64	1000	330.0	24.4	13.0	13.0	1.45	16.0	24.0	Q2
DS90UR124QVSX/NOPB	TQFP	PAG	64	1000	330.0	24.4	13.0	13.0	1.45	16.0	24.0	Q2
DS90UR241IVSX/NOPB	TQFP	PFB	48	1000	330.0	16.4	9.8	9.8	2.0	12.0	16.0	Q2
DS90UR241QVSX/NOPB	TQFP	PFB	48	1000	330.0	16.4	9.8	9.8	2.0	12.0	16.0	Q2

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
DS90UR124IVSX/NOPB	TQFP	PAG	64	1000	356.0	356.0	45.0
DS90UR124QVSX/NOPB	TQFP	PAG	64	1000	356.0	356.0	45.0
DS90UR241IVSX/NOPB	TQFP	PFB	48	1000	356.0	356.0	36.0
DS90UR241QVSX/NOPB	TQFP	PFB	48	1000	356.0	356.0	36.0

**TRAY**


Chamfer on Tray corner indicates Pin 1 orientation of packed units.

\*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	Unit array matrix	Max temperature (°C)	L (mm)	W (mm)	K0 (µm)	P1 (mm)	CL (mm)	CW (mm)
DS90UR124IVS/NOPB	PAG	TQFP	64	160	8 X 20	150	322.6	135.9	7620	15.2	13.1	13
DS90UR124QVS/NOPB	PAG	TQFP	64	160	8 X 20	150	322.6	135.9	7620	15.2	13.1	13
DS90UR241IVS/NOPB	PFB	TQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
DS90UR241QVS/NOPB	PFB	TQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25