

**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
DRA821U2CGBALMR	FCBGA	ALM	433	500	330.0	32.4	17.6	17.6	3.74	24.0	32.0	Q1
DRA821U4TGBALMR	FCBGA	ALM	433	500	330.0	32.4	17.6	17.6	3.74	24.0	32.0	Q1

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
DRA821U2CGBALMR	FCBGA	ALM	433	500	336.6	336.6	41.3
DRA821U4TGBALMR	FCBGA	ALM	433	500	336.6	336.6	41.3

**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)
DRA821U2CGBALM	ALM	FCBGA	433	84	6 X 14	150	315	135.9	7620	22	14.5	14.45
DRA821U4TCBALMQ1	ALM	FCBGA	433	84	6 X 14	150	315	135.9	7620	22	14.5	14.45
DRA821U4TGBALM	ALM	FCBGA	433	84	6 X 14	150	315	135.9	7620	22	14.5	14.45