

**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
AM3351BZCE30R	NFBGA	ZCE	298	1000	330.0	24.4	13.3	13.3	2.35	16.0	24.0	Q1
AM3351BZCE60R	NFBGA	ZCE	298	1000	330.0	24.4	13.3	13.3	2.35	16.0	24.0	Q1
AM3351BZCEA30R	NFBGA	ZCE	298	1000	330.0	24.4	13.3	13.3	2.35	16.0	24.0	Q1
AM3352BZCE30R	NFBGA	ZCE	298	1000	330.0	24.4	13.3	13.3	2.35	16.0	24.0	Q1
AM3352BZCEA30R	NFBGA	ZCE	298	1000	330.0	24.4	13.3	13.3	2.35	16.0	24.0	Q1
AM3352BZCEA60R	NFBGA	ZCE	298	1000	330.0	24.4	13.3	13.3	2.35	16.0	24.0	Q1
AM3352BZCZ100R	NFBGA	ZCZ	324	1000	330.0	24.4	15.3	15.3	2.35	20.0	24.0	Q1
AM3352BZCZ60R	NFBGA	ZCZ	324	1000	330.0	24.4	15.3	15.3	2.35	20.0	24.0	Q1
AM3352BZCZA60R	NFBGA	ZCZ	324	1000	330.0	24.4	15.3	15.3	2.35	20.0	24.0	Q1
AM3352BZCZT60R	NFBGA	ZCZ	324	1000	330.0	24.4	15.3	15.3	2.35	20.0	24.0	Q1
AM3354BZCE60R	NFBGA	ZCE	298	1000	330.0	24.4	13.3	13.3	2.35	16.0	24.0	Q1
AM3354BZCZA80R	NFBGA	ZCZ	324	1000	330.0	24.4	15.3	15.3	2.35	20.0	24.0	Q1

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
AM3351BZCE30R	NFBGA	ZCE	298	1000	336.6	336.6	41.3
AM3351BZCE60R	NFBGA	ZCE	298	1000	336.6	336.6	41.3
AM3351BZCEA30R	NFBGA	ZCE	298	1000	336.6	336.6	41.3
AM3352BZCE30R	NFBGA	ZCE	298	1000	336.6	336.6	41.3
AM3352BZCEA30R	NFBGA	ZCE	298	1000	336.6	336.6	41.3
AM3352BZCEA60R	NFBGA	ZCE	298	1000	336.6	336.6	41.3
AM3352BZCZ100R	NFBGA	ZCZ	324	1000	336.6	336.6	41.3
AM3352BZCZ60R	NFBGA	ZCZ	324	1000	336.6	336.6	41.3
AM3352BZCZA60R	NFBGA	ZCZ	324	1000	336.6	336.6	41.3
AM3352BZCZT60R	NFBGA	ZCZ	324	1000	336.6	336.6	41.3
AM3354BZCE60R	NFBGA	ZCE	298	1000	336.6	336.6	41.3
AM3354BZCZA80R	NFBGA	ZCZ	324	1000	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)
AM3351BZCE30	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3351BZCE30.A	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3351BZCE60	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3351BZCE60.A	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3351BZCEA30	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3351BZCEA30.B	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3351BZCEA60	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3351BZCEA60.B	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3352BZCE30	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3352BZCE30.A	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3352BZCE60	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3352BZCE60.A	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3352BZCEA30	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3352BZCEA30.B	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3352BZCEA60	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3352BZCEA60.B	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3352BZCED30	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45

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)
AM3352BZCED30.B	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3352BZCED60	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3352BZCED60.B	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3352BZCZ100	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZ100.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZ30	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZ30.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZ60	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZ60.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZ80	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZ80.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZA100	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZA100.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZA30	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZA30.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZA60	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZA60.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZA80	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZA80.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZD30	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZD30.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZD60	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZD60.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZD80	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZD80.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZT60	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3352BZCZT60.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3354BZCE60	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3354BZCE60.A	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3354BZCEA60	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3354BZCEA60.B	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3354BZCED60	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3354BZCED60.B	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3354BZCZ100	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3354BZCZ100.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3354BZCZ30	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3354BZCZ30.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3354BZCZ60	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3354BZCZ60.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3354BZCZ80	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3354BZCZ80.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35

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)
AM3354BZCZA100	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3354BZCZA100.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3354BZCZA60	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3354BZCZA60.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3354BZCZA80	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3354BZCZA80.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3354BZCZD60	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3354BZCZD60.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3354BZCZD80	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3354BZCZD80.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3356BZCEA60	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3356BZCEA60.B	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3356BZCZ30	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3356BZCZ30.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3356BZCZ60	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3356BZCZ60.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3356BZCZ80	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3356BZCZ80.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3356BZCZA30	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3356BZCZA30.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3356BZCZA60	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3356BZCZA60.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3356BZCZA80	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3356BZCZA80.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3356BZCZD30	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3356BZCZD30.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3356BZCZD60	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3356BZCZD60.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3357BZCZA30	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3357BZCZA30.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3357BZCZA60	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3357BZCZA60.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3357BZCZA80	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3357BZCZA80.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3357BZCZD30	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3357BZCZD30.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3357BZCZD60	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3357BZCZD60.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3358BZCE60	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3358BZCE60.A	ZCE	NFBGA	298	160	8 x 20	150	315	135.9	7620	15	15	15.45
AM3358BZCZ100	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35

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)
AM3358BZCZ100.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3358BZCZ60	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3358BZCZ60.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3358BZCZ80	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3358BZCZ80.A	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3358BZCZA100	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3358BZCZA100.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3358BZCZA80	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3358BZCZA80.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3359BZCZA80	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35
AM3359BZCZA80.B	ZCZ	NFBGA	324	126	7 X 18	150	315	135.9	7620	17.2	11.3	16.35