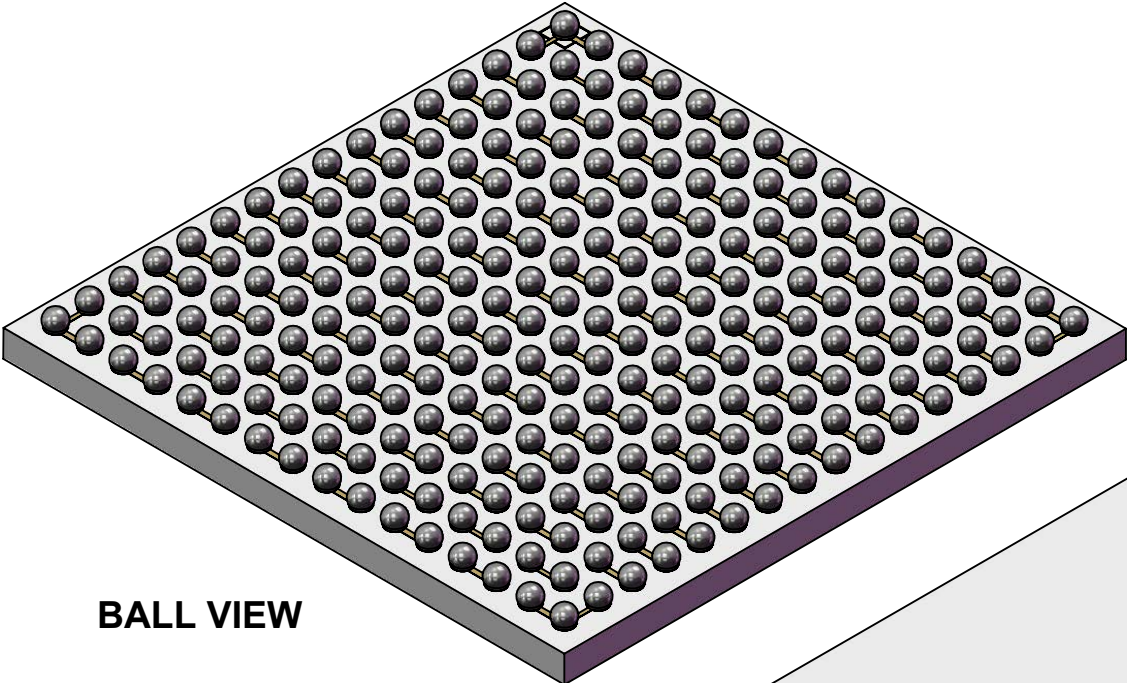
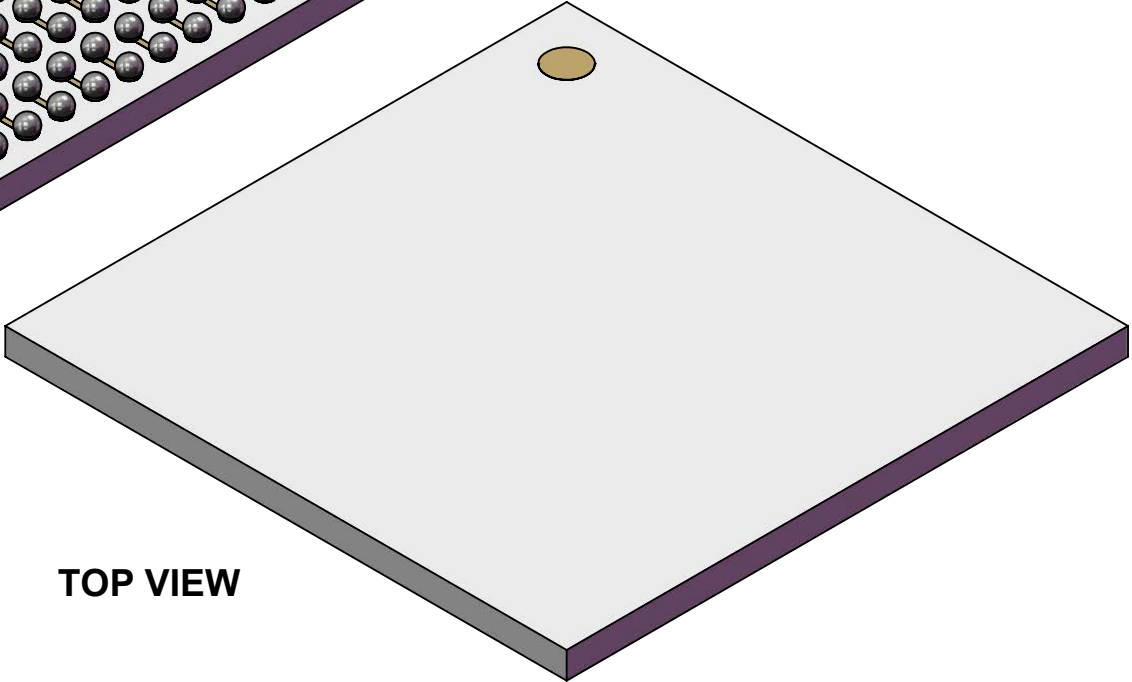


**MODEL
CBGA WITH BALL
WITHOUT DIE**



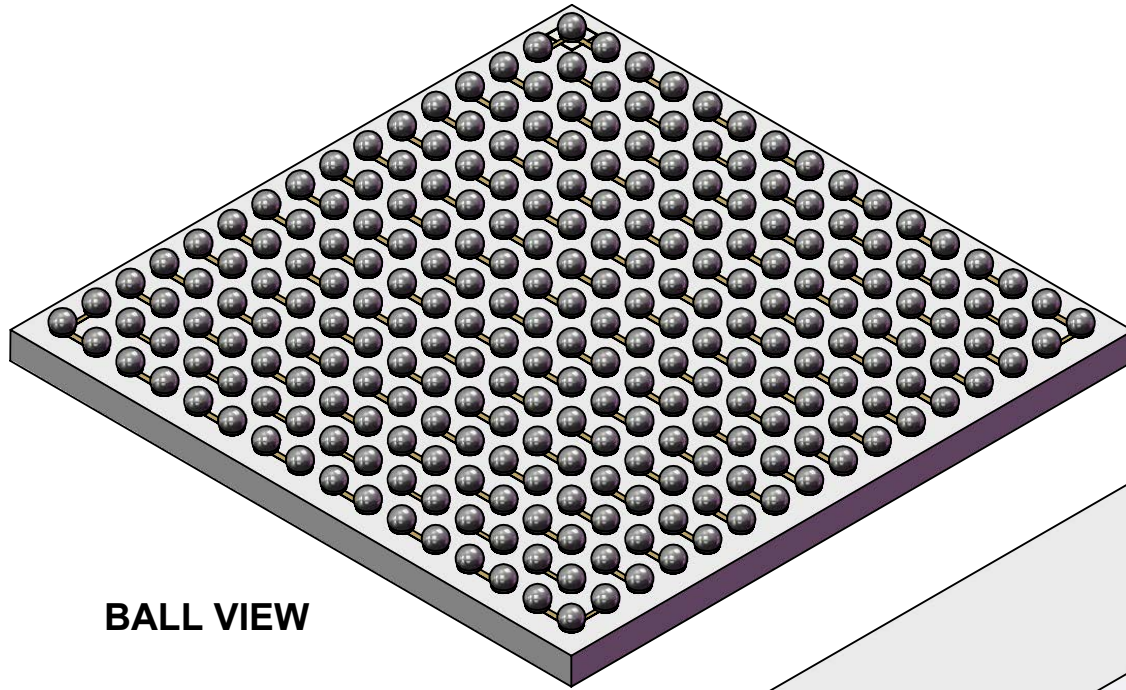
BALL VIEW



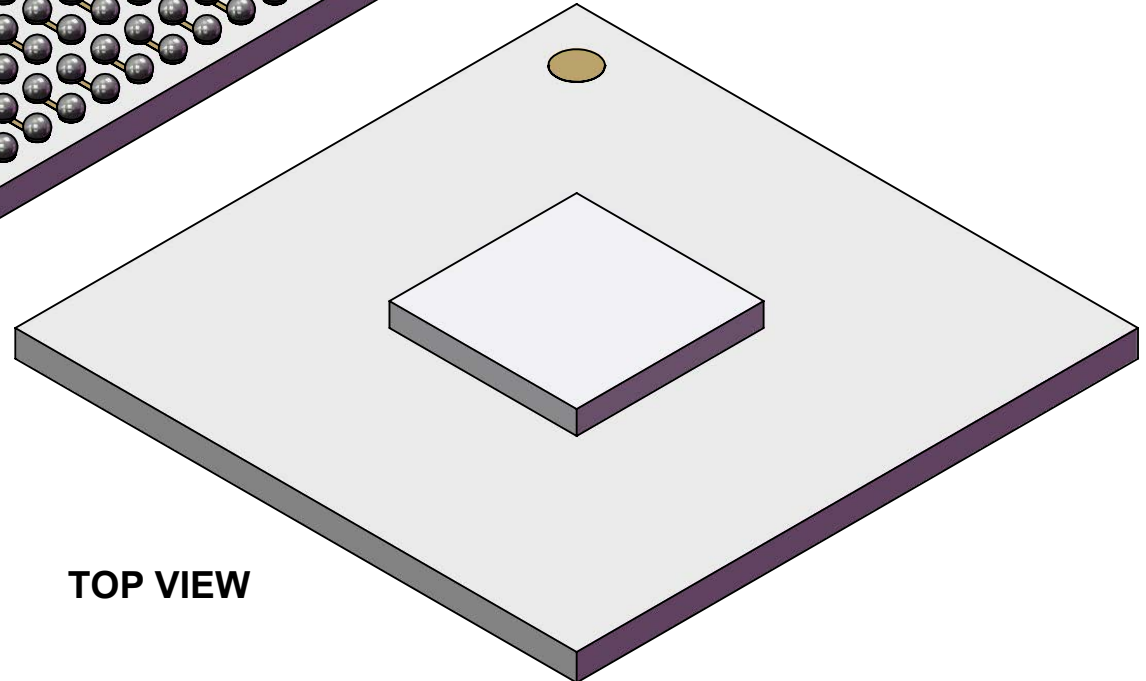
TOP VIEW

TopLine[®]			
TITLE CBGA256T1.27C-DC61 CERAMIC BALL GRID ARRAY			
SCALE	SIZE	DRAWING NO.	REV
5:1	A	520617	A
DO NOT SCALE DRAWING			SHEET 4 OF 6

**MODEL
CBGA WITH BALL
WITH DIE**



BALL VIEW



TOP VIEW

TopLine[®]

TITLE CBGA256T1.27C-DC61
CERAMIC BALL GRID ARRAY

SCALE 6:1	SIZE A	DRAWING NO. 520617	REV A
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DO NOT SCALE DRAWING

SHEET 5 OF 6

PART NUMBER SYSTEM

CBGA

256

T

1.27

L

-

DC61

D

SERIES

CBGA = CERAMIC
BALL GRID ARRAY

BALLS

NBR SOLDER
BALLS

TRAY

T = JEDEC

PITCH

1.27mm = 0.050"

ALLOY

L = Sn62/Pb36/Ag2.0
X = Sn63/Pb37
C = SAC305
Blank = Sn10/Pb90

DIE

D = DUMMY DIE
BLANK = WITHOUT DIE

DAISY CHAIN

DC61 = SEE PATTERN

PART NUMBER	BALL ALLOY	CODE	LEAD FREE	DIE
CBGA256T1.27-DC61	Sn10/Pb90	Sn10	NO	NO
CBGA256T1.27-DC61D	Sn10/Pb90	Sn10	NO	YES
CBGA256T1.27L-DC61	Sn62/Pb36/Ag2.0	Sn62	NO	NO
CBGA256T1.27L-DC61D	Sn62/Pb36/Ag2.0	Sn62	NO	YES
CBGA256T1.27X-DC61	Sn63/Pb37	Sn63	NO	NO
CBGA256T1.27X-DC61D	Sn63/Pb37	Sn63	NO	YES
CBGA256T1.27C-DC61	Sn96.5/Ag3.0/Cu0.5	SAC305	YES	NO
CBGA256T1.27C-DC61D	Sn96.5/Ag3.0/Cu0.5	SAC305	YES	YES

TopLine®			
TITLE CBGA256T1.27C-DC61 CERAMIC BALL GRID ARRAY			
SCALE NONE	SIZE A	DRAWING NO. 520617	REV A
DO NOT SCALE DRAWING			SHEET 6 OF 6