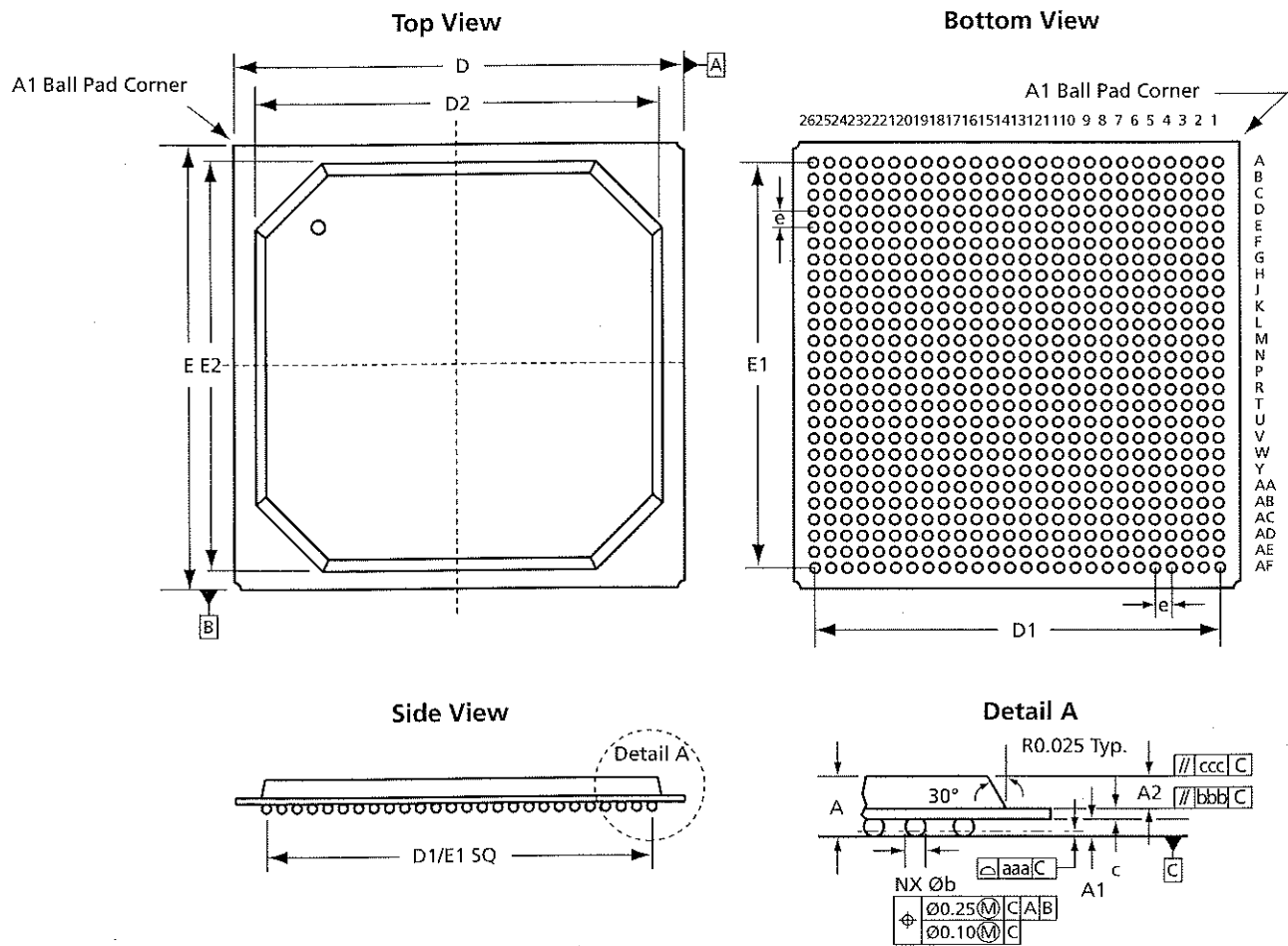


Fine Pitch Plastic Ball Grid Array

676-Pin FG



Note: Dimensions are in millimeters. Please see the "Fine Pitch Plastic Ball Grid Array Dimensions" on page 60 for the dimensions.

Supported Devices				
A500K270*	APA600	AX500	A3PE1500/M1A3PE1500	AFS1500/M1AFS1500
	APA750	AX1000		

Note: *This product is obsolete.

JEDEC Equivalent	FBGA 484 (page 55) (23x23 Fully Populated) MS-034 VAR AAJ-1			FBGA 676 (page 56) MS-034 VAR AAL-1			FBGA 896 (page 57) MS-034 VAR AAN-1			FBGA 1152 (page 58) MS-034 VAR AAR-1		
	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.
A	2.02	2.23	2.44	2.02	2.23	2.44	2.02	2.23	2.44	2.02	2.23	2.44
A1	0.40	0.50	0.60	0.40	0.50	0.60	0.40	0.50	0.60	0.40	0.50	0.60
A2	1.12	1.17	1.22	1.12	1.17	1.22	1.12	1.17	1.22	1.12	1.17	1.22
aaa	0.20			0.20			0.20			0.20		
b	0.50	0.63	0.70	0.50	0.63	0.70	0.50	0.63	0.70	0.50	0.63	0.70
bbb	0.25			0.25			0.25			0.25		
c	0.50	0.56	0.62	0.50	0.56	0.62	0.50	0.56	0.62	0.50	0.56	0.62
ccc	0.35			0.35			0.35			0.35		
D	22.80	23.00	23.20	26.80	27.00	27.20	30.80	31.00	31.20	34.80	35.00	35.20
D1	21.00 BSC			25.00 BSC			29.00 BSC			33.00 BSC		
D2	19.45	19.50	20.20	23.95	24.00	24.70	25.95	26.00	26.70	33.65	33.70	34.20
E	22.80	23.00	23.20	26.80	27.00	27.20	30.80	31.00	31.20	34.80	35.00	35.20
E1	21.00 BSC			25.00 BSC			29.00 BSC			33.00 BSC		
E2	19.45	19.50	20.20	23.95	24.00	24.70	25.95	26.00	26.70	33.65	33.70	34.20
e	1.00 typ.			1.00 typ.			1.00 typ.			1.00 typ.		

- Notes:**
1. All dimensions are in millimeters.
 2. BSC—Basic Spacing between Centers