

## FBGA Matrix:

Product Type  
 P = Production  
 E = Engineering Samples  
 M = Mechanical Samples  
 Q = Qual Samples  
 R = Reball

Product Family  
 S = SDRAM  
 C = DDR  
 D = DDR2  
 E = DDR3  
 G = DDR4  
 F = FLASH  
 L = LPDRAM  
 P = PSRAM

PART MATRIX  
 See next page

P D 703

1120 -25

DATE CODE:  
 FIRST TWO = YEAR  
 LAST TWO = WORK WEEK

<p><u>SDRAM (JEDEC)</u>                  -75A (PC 133 3-3-3)</p> <p><u>DDR (JEDEC)</u>                  -5B (PC-3200/DDR 400 3-3-3)                  -6A (PC-2700/DDR333 2.5-3-3)</p> <p><u>DDR2 (JEDEC)</u>                  -3 (PC2-5300/DDR2 667 5-5-5)                  -25 (PC2-6400/DDR2 800 6-6-6)                  -25E (PC2-6400/DDR2 5-5-5)</p>	<p><u>Speed</u></p> <p><u>DDR3 (JEDEC)</u>                  -187 (PC3-8500/DDR3 1066 8-8-8)                  -15 (PC3-10600/DDR3 1333 10-10-10)                  -15E (PC3-10600/DDR3 1333 9-9-9)                  -125 (PC3-12800/DDR3 1600 11-11-11)</p> <p><u>Mobile LPDRAM SDRAM</u>                  -6 (6ns CL3 166MHz)                  -5 (5ns CL3 200MHz)</p>
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## PART MATRIX

### SDRAM 256

612 = SGG32M8Y16YL8FB

### LPDRAM 1G

C01 = SGG32M32T68MO8B5

### LPDRAM 2G

A01 = SGG64M32T69MO8ZA

### DDR 256

217 = SGG32M8T36AV8GM

### DDR 512

314 = SGG64M8T37ZV8FN

### DDR2 512

540 = SAE64M8U48TO8BA  
541 = SAE64M8U48TO8BB  
542 = SAB64M8U48TO8BB  
543 = SAA/SGG64M8U67AOACC  
544 = SAA/SGG64M8U67AO8CC  
545 = SGG64M8U68AOACC  
546 = SGG32M16T67MO8DD

### DDR2 1G

703 = 128M8U48BO8ZC  
704 = 64M16U48BO8ZL  
706 = SAA128M8U48BP8ZC  
707 = 128M8U58A08/OAZC  
708 = 128M8U58AP8ZC  
709 = SMG/SAA/SGG128M8U48BOAZC  
710 = SAA128M8U68AO8CC  
711 = SAA/SGG/PRN128M8U68AOACC  
712 = SAE128M8U48TO8BA  
713 = SAE128M8U48TO8BB  
714 = SAB128M8U48TO8BB  
715 = SAA128M8U68AOAZL  
716 = SAA128M8U68APACC  
717 = SMGSGG/PRN128M8U48BGAZC  
718 = SGG/SAA128M8U68AO8CD

### DDR2 2G

D01 = PRN/SAA256M8U69AO8CJ  
D02 = SGG/SMA512M4U69AO8CJ

### DDR3 1G

801 = SAA/SGG/PRN128M8V48CG8GK  
802 = SMA/SMG/SAA/SGG128M8V58BG8GF  
803 = SAA128M8V58BH8GF  
804 = SMA/SAA128M8V68AG8GN  
805 = SMG/SAA/SGG128M8V68AG8GF  
806 = SGG128M8V68AGBGF  
807 = SMG/SGG128M8V68AGAGF  
808 = SMG/SGG128M8V68AGCGF  
809 = SGG128M8V79BG8GQ  
810 = PRA128M8V79DG8GQ  
811 = SGG128M8V79DG8GQ  
812 = SGG64M16V68AG8GN  
813 = SMG64M16V68AG8GN  
814 = PRN/SAA128M8V79DG8GQ

### DDR3 2G

901 = PRN256M8V69AG8GK  
902 = SMA/SAA256M8V69AG8GP  
903 = SAA/SGG/PRM/SMA/SMG256M8V79BG8GQ  
904 = SNL/PRA256M8V69AG8GK  
905 = SMG128M16V69AG8GP  
906 = SAA256M8V79BH8GQ  
907 = SAA256M8V69AH8GK  
908 = SMG/SMA/PRM/PRN256M8V69AG9GK  
909 = SNL/PRA256M8V69AG9GK  
910 = SAA/SGG256M8V69AH9GK  
911 = SAA/PRN/PRM256M8V79DG9GQ  
912 = SAA256M8V79DH8GQ  
913 = PRA256M8V79DG8GQ  
914 = PRA256M8V79BG8GQ  
915 = SAA/SGG256M8V69AG8GK  
916 = PRN256M8V79BG8GQ  
917 = SAA/SGG256M8V69AG9GK  
918 = PRN/SAA256M8V79DG8GQ  
919 = 128M16V69AG8GP (HSORT Only)  
920 = PRA256M8V79DG9GQ  
921 = 128M16V69AG8GP (ASSM)  
922 = 128M16V69AG8GP (HSORT Only) (ASSM)  
923 = SAA256M8V89BG8GQ  
924 = SAA256M8V70SG8RA  
B05 = SAD128M16V70SG8RE  
B06 = SUD128M16V70SG8RE (HSORT Only)  
927 = PRN256M8V79DGAGQ

### DDR3 2G Continued

928 = PRA256M8V70SG8RA  
929 = PRN256M8V70SG8RA  
930 = SAD128M16V80AG8GP  
931 = SUD128M16V80AG8GP  
932 = SAD128M16V89CG8GN  
933 = SUD128M16V89CG8GN  
934 = SGG256M8V89CG8GQ  
935 = PRA256M8V89CG8GQ  
936 = SAA/PRN256M8V89CG8GQ  
937 = PRN/SAA128M16V89CG8GN  
938 = SMG256M8V89CG8GQ  
939 = PRM256M8V89CG8GQ  
940 = PRM128M16V89CG8GN  
941 = PRN/SAA256M8V89CGDGQ  
942 = SAF128M16V89CG8GN  
943 = SUF128M16V89CG8GN  
944 = PRN/SAA256M8V79DGDGQ  
945 = SAF128M16V80AG8GP  
946 = SUF128M16V80AG8GP  
947 = PRN/SAA256M8V80AG8RH  
948 = PRN/SAA256M8V89CG8GN  
949 = PRN/SAA256M8V79DK8GQ  
950 = PRN/SAA256M8V79DJ8GQ  
951 = PRN/SAA256M8V89CJ8GQ  
952 = PRN/SAA256M8V89CJ8GN  
953 = SAD256M8V89CG8GQ  
954 = PRN/SAA128M16V69AG8GP  
955 = SGG/SMA128M16V69AG8GP  
956 = PRA128M16V89CG8GN  
991 = SGG256M8V79DG8GQ

### DDR3 4G

B01 = SMG512M4V69AG8YC  
B02 = PRM/SMG/SAA/SGG512M8V70SG8RA  
B03 = PRN512M8V70SG8RA  
B04 = PRA512M8V70SG8RA  
B07 = SAA512M8V70SH8RN  
B08 = PRN/SAA512M8V80AG8RH  
B09 = PRN512M8V70SGDRA  
B10 = PRM512M8V80AG8RH  
B11 = PRA512M8V80AG8RH  
B12 = PRN/SAA512M8V80AGDRH  
B13 = SGG/SMA256M16V70SG8RE  
B14 = SMG256M16V70SG8RE  
B15 = PRN/SAA256M16V80AG8GP  
B16 = PRM256M16V80AG8GP  
B17 = SMG256M16V80AG8GP  
B19 = PRN/SAA512M8V80AG8GP  
B20 = PRN/SAA512M8V80AJ8RH  
B21 = SAD512M8V80AJ8RH  
B22 = PRN/SAA512M8V80BG8RH  
B23 = PRM512M8V80BG8RH  
B24 = PRA512M8V80BG8RH  
B25 = PRN/SAA512M8V80BGDRH  
B26 = PRN/SAA512M8V80BJ8RH  
B27 = PRN/SAA512M8V80AH8RH

### DDR4 4G

E01 = SGG512M8Z80AD8GK