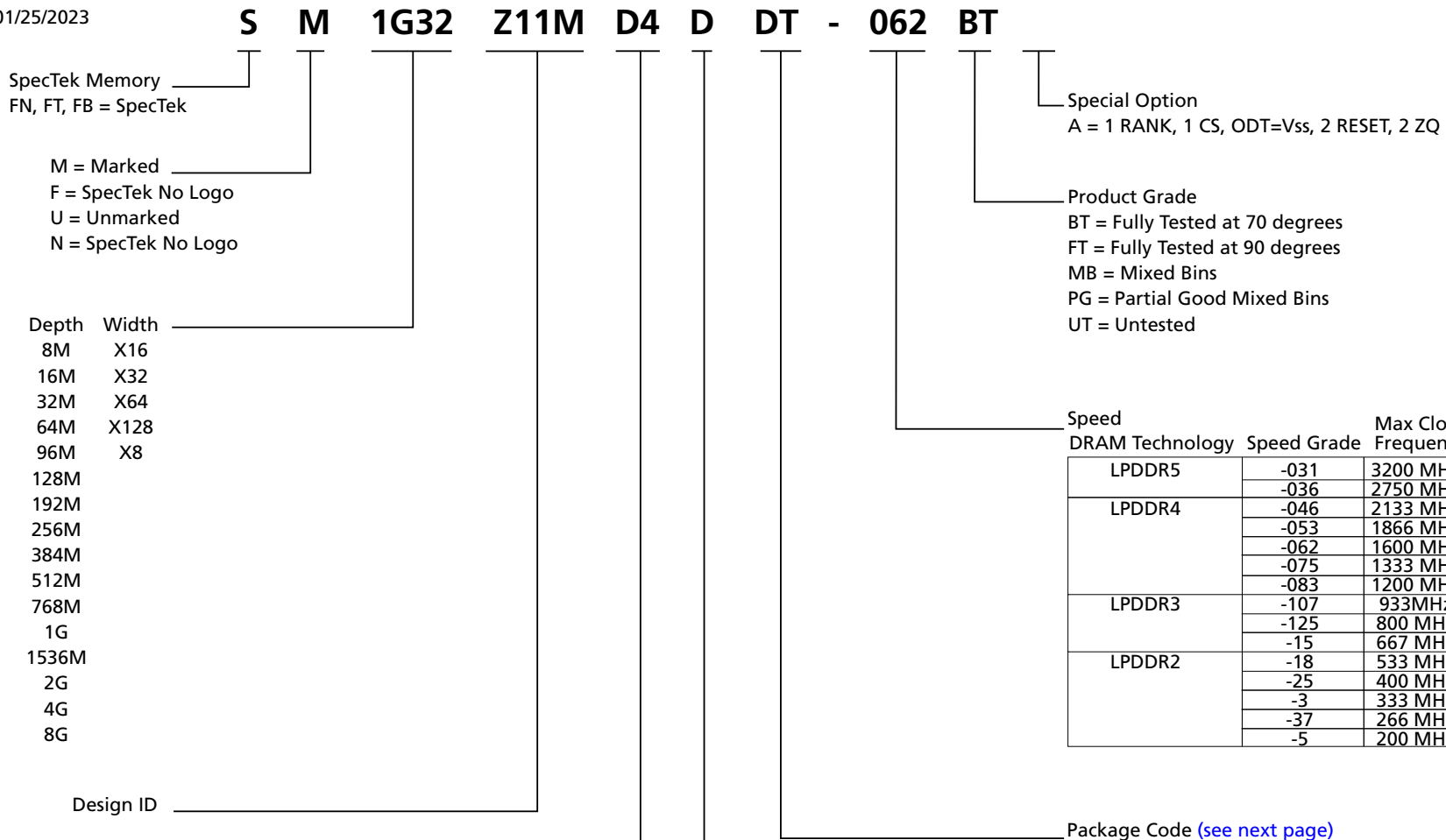


SpecTek Mobile DRAM Part Numbering System



Last update: 01/25/2023



	# of die	Access Mode/Features
D1	1	4-n Prefetch
D2	2	4-n Prefetch
D3	3	4-n Prefetch
D4	4	4-n Prefetch
D6	6	Standard Addressing
D8	8	Standard Addressing
DA	16	Standard Addressing
DB	12	Standard Addressing
DD	3	
DE	6	

SpecTek Mobile DRAM Part Numbering System



Package Code

Code	Package Description (WxLxH)	Code	Package Description (WxLxH)
AE	WFBGA 436/1156-ball, 14.0x14.0x0.74	KP	VFBGA 168/529-ball, 12.0x12.0x1.0 .33mm ball
B7	VFBGA 60/90-ball, 10.0x10.0x1.0	KQ	WFBGA 168/529-ball, 12.0x12.0x0.75
BD	WFBGA 320/870-ball, 12.0x12.7x0.7	KU	VFBGA 216/841-ball, 12.0x12.0x0.9
BE	VFBGA 320/870-ball, 12.0x12.7x0.81	LD	VFBGA 220/729-ball, 14.0x14.0x1.0
BF	VFBGA 54-ball, 8.0x9.0x1.0	LE	VFBGA 168/529-ball, 12.0x12.0x1.0 .35mm ball
BG	WFBGA 496/756-ball, 14.0x12.4x0.67	LF	WFBGA 168/529-ball, 12.0x12.0x0.75 .35mm ball
BQ	VFBGA 90/135-ball, 8.0x13.0x1.0 SAC305	LG	WFBGA 168/529-ball, 12.0x12.0x0.8 .35mm ball
BW	UFBGA 374/2040-ball, 12.5x15.7x0.61	LH	UFGA 216/841-ball, 12.0x12.0x0.65
C2	WFBGA 426/1480-ball, 13.5x14.5x0.74	LK	WFBGA 216/841-ball, 12.0x12.0x0.8 LPDDR2
C3	WFBGA 456/1677-ball, 14.0x15.5x0.66	LL	WFBGA 216/841-ball, 12.0x12.0x0.8
C4	WFBGA 456/1677-ball, 15.5x14.0x0.66	LM	VFBGA 216/841-ball, 12.0x12.0x1.0
C5	WFBGA 280/1360-ball, 14.0x16.5x0.76	LP	VFBGA 216/841-ball, 12.0x12.0x0.82
C6	WFBGA 244/1054-ball, 13.0x14.0x0.68	LR	WFBGA 216/841-ball, 15.0x15.0x0.8
C7	WFBGA 504/841-ball, 15.0x15.0x0.7	LT	VFBGA 216/841-ball, 15.0x15.0x1.0
CA	UFBGA 406/2296-ball, 12.63x17.26x0.61	LW	WFBGA 256/1156-ball, 14.0x14.0x0.8
CH	WFBGA 496/756-ball, 14.0x12.4x0.77	LY	TFBGA 96/144-ball, 7.5x13.5x1.2
CK	VFBGA 60/90-ball, 10.0x11.5x1.0	LZ	WFBGA 216/841-ball, 12.0x12.0x0.8 LPDDR3
CL	WFBGA 496/756-ball, 14x12.4x0.69	MA	WFBGA 168/529-ball, 12.0x12.0x0.7
CM	VFBGA 90/135-ball, 10.0x13.0x 1.0	MC	VFBGA 240/729-ball, 14.0x14.0x0.8
CX	VFBGA 90/135-ball, 9.0x13.0x 1.0	MG	TFBGA 134/170-ball, 11.5x11.5x1.2
CY	TFBGA 200/264-ball, 10.0x14.0x1.1	MH	VFBGA 134/170-ball, 11.0x11.5x1.0
CZ	TFBGA 561/570-ball, 8.0x12.4x1.2	MP	WFBGA 220/729-ball, 14.0x14.0x0.8
DE	TFBGA 200/264-ball, 10.0x14.0x1.14	MV	VFBGA 253/289-ball, 11.0x11.0x1.0 LPDDR3
DG	WFBGA 877/968-ball, 6.6x13.1x0.79	MZ	VFBGA 178/221-ball, 12.5x11.5x1.0
DR	TFBGA 315/315-ball, 12.4x15.0x1.1	NC	VFBGA 168/529-ball, 12.0x12.0x0.82
DS	WFBGA 200/264-ball, 10x14.5x0.8 .325mm	NH	WFBGA 272/1296-ball, 15.0x15.0x0.7 LPDDR4
DS	TFBGA 315/315-ball, 12.4x15.0x 1.1 LPDDR5	NJ	WFBGA 272/1296-ball, 15.0x15.0x0.8 LPDDR4
DT	VFBGA 200/264-ball, 10.0x14.5x0.95 LPDDR4	NK	WFBGA 366/841-ball, 15.0x15.0x0.7 LPDDR4
DV	LFBGA 315/315-ball, 12.4x15x1.3	NL	UFBGA 450/1640-ball, 14.46x14.8x0.61 LPDDR4
DX	LFBGA 315/315-ball, 12.8x15x1.3	NP	WFBGA 200/264-ball, 10.0x14.5x0.8 LPDDR4
EA	WFBGA 877/968-ball, 6.6x13.1x0.78	NQ	VFBGA 200/264-ball, 10.0x14.5x0.95 LPDDR4
EG	TFBGA 556/841-ball, 12.4x12.4x1.1	NW	VFBGA 432/675-ball, 15.0x15.0x0.85 LPDDR4
EJ	TFBGA 441/441-ball, 14x14x1.1 (SAC302)	NY	UFBGA 366/2160-ball, 13.73x14.65x0.61
EK	TFBGA 441/441-ball, 14x14x1.1	NZ	WFBGA 376/1156-ball, 14.0x14.0x0.66 (Z00M/Z11M/Z1AM)
EZ	WFBGA 342/992-ball, 14.5x15.0x0.73	NZ	WFBGA 376/1156-ball, 14.0x14.0x0.71 (Z11N/Z2BM)
FL	UFBGA 362/2064-ball, 13.2x14.7x0.59 LPDDR4	PD	WFBGA 216/841-ball, 15.0x15.0x0.72 LPDDR3
FL	VFBGA 496/756-ball, 14x12.4x0.96 LPDDR5	PE	VFBGA 216/841-ball, 15.0x15.0x0.82 LPDDR3
FS	FBGA 96/144-ball, 9.0x14.0x1.2	PF	VFBGA 178/221-ball, 11.0x11.5x0.85 LPDDR3
FW	TFBGA 200/264-ball, 10.0x14.5x1.1	PG	VFBGA 178/221-ball, 12.0x11.5x1.0 LPDDR3
G1	UFBGA 426/1480-ball, 13.5x14.5x0.64	PP	WFBGA 253/289-ball, 11.0x14.0x0.7
GE	TFBGA 877/968-ball, 6.6x13.1x1.09	PQ	VFBGA 253/289-ball, 11.0x11.5x0.95 LPDDR3
GL	VFBGA 220/729-ball, 14.0x14.0x0.99	PU	WFBGA 168/529-ball, 12.0x12.0x0.80 LPDDR3
GN	WFBGA 256/1156-ball, 14.0x14.0x0.7 LPDDR3	PX	VFBGA 480/779-ball, 8.0x17.0x1.0
GS	LFBGA 200/264-ball, 10x14.5x1.3	QC	VFBGA 253/289-ball, 12.0x12.0x1.0 LPDDR3
GU	WFBGA 134/170-ball, 10.0x11.5x0.7	QD	VFBGA 200/264-ball, 10.0x14.5x1.0 LPDDR4
H1	VFBGA 253/289-ball, 11x11x0.85	RD	VFBGA 376/1156-ball, 14.0x14.0x0.9
H2	TFBGA 134/170-ball, 11.5x13.0x1.2	RG	TFBGA 78/117-ball, 7.5x10.6x1.2
H3	WFBGA 134/170-ball, 11.5x11.5x0.8	RH	FBGA 78/117-ball, 9.0x10.5x1.2
H4	VFBGA 168/529-ball, 12.0x12.0x0.92	RN	VFBGA 196/841-ball, 12.0x12.0x0.86
H5	TFBGA 168/529-ball, 12.0x12.0x1.02	RQ	WFBGA 556/841-ball, 12.4x12.4x0.68
H6	TFBGA 178/221-ball, 11.5x13.0x1.1	SB	UFBGA 350-ball, 14.21x13.41x0.61
H7	VFBGA 178/221-ball, 11.5x12.0x0.9	SP	VFBGA 556/841-ball, 12.4x12.4x0.89
H8	VFBGA 178/221-ball, 11.5x12.5x1.0	SQ	VFBGA 556/841-ball, 12.4x12.4x0.85
H9	BFBGA 261/441-ball, 10.0x10.0x0.77	SU	VFBGA 196/841-ball, 12.0x12.0x0.89
HA	TFBGA 96/144-ball, 9.0x14.0x1.2	TE	VFBGA 2406/2600-ball, 14.5x14.0x0.82
HC	VFBGA 178/221-ball, 10.5x11.5x0.9	TG	WFBGA 480/1848-ball, 15.0x15.7x0.66
HJ	TFBGA 556/841-ball, 12.4x12.4x1.1	TN	TFBGA 556/841-ball, 12.4x12.4x1.23
HL	VFBGA 178/221-ball, 10.5x11.5x1.0	TP	UFBGA 386/2346-ball, 14.2x15.51x0.61
HR	WFBGA 366/841-ball, 12.0x12.7x0.68	TR	UFBGA 400/2255-ball, 12.75x16.98x0.61
JL	WFBGA 376/1156-ball, 14.0x14.0x0.74	TT	VFBGA 196/841-ball, 12x12x0.87 LPDDR4
JS	VFBGA 366/841-ball, 12.0x12.7x0.92	UA	UFBGA 352/1927-ball, 12.75x14.5x0.6
JU	VFBGA 253/289-ball, 12.5x12.5x0.95	WA	VFBGA 2406/2600-ball, 14.5x14.0x0.98
K1	WFBGA 216/841-ball, 12.0x12.0x0.7	WF	WFBGA 376/1156-ball, 14.0x14.0x0.7
K2	VFBGA 253/289-ball, 11.0x11.0x0.85	WS	WFBGA 640/968-ball, 6.8x13.1x0.79
K3	TFBGA 361/729-ball, 13.0x13.0x1.1	WT	UFBGA 366/841-ball, 13.76x14.65x0.61 LPDDR4
KA	VFBGA 716/726-ball, 8.0x12.0x0.9	WT	TFBGA 640/968-ball, 6.8x13.1x1.01 LPDDR5
KE	WFBGA 244/1054-ball, 13.0x14.0x0.76	ZA	WFBGA 496/756-ball, 14x12.4x0.71
KH	WFBGA 216/841-ball, 12.0x12.0x0.8	ZU	UFBGA 496/756-ball, 14x12.4x0.65
KJ	VFBGA 216/841-ball, 12.0x12.0x1.0	ZW	TFBGA 200/264-ball, 10x14.5x1.05
KL	WFBGA 168/529-ball, 12.0x12.0x0.8	ZV	UFBGA 496/756-ball, 14x12.4x0.63
KN	TFBGA 366/841-ball, 15.0x15.0x1.1 0.5mm ball *PIP*		