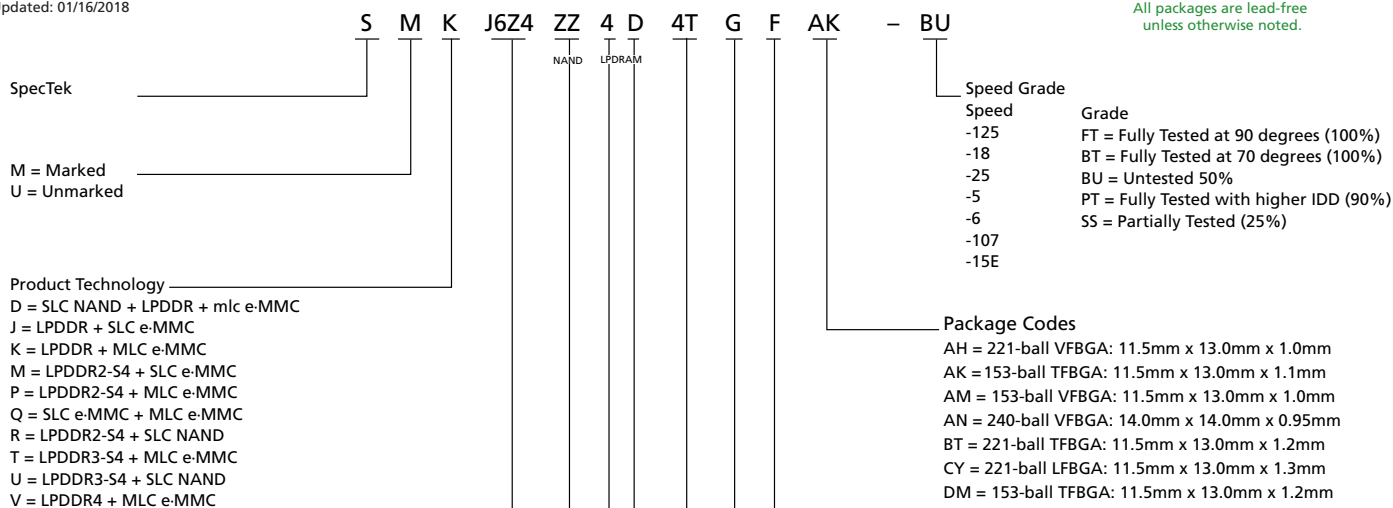


SpecTek All-in-One Part Numbering System

Last Updated: 01/16/2018

All packages are lead-free unless otherwise noted.



LPDRAM Density & Configuration

LPDRAM Codes			
Density			
1	1Gb	T	768Mb
2	2Gb	U	640Mb
3	3Gb	V	512Mb
4	4Gb	W	256Mb
5	16Gb	X	128Mb
6	6Gb	Y	64Mb
7	24Gb	A	32Gb
8	8Gb	B	48Gb
9	9Gb	C	64Gb

LPDRAM Codes	
Width	
A	x4
B	x8
C	x16
D	x32
E	x64
F	x96

e-MMC Density & Controller

e-MMC Codes		
Density	Controller Version Codes	
V	Density	Controller Name
V	512MB	Int
W	256MB	A Phison 8200 V4.41 PL_REG
X	128MB	B Phison 8210 V4.51 DC PL_REG
1	1GB	C Phison 8210 V4.41 DC PL_REG
2	2GB	D Phison 8226
4	4GB	E Phison 8225 v5.1
5	8GB	H SMI SM2750 v1.6
6	16GB	J Phison 8225 v5.0
7	32GB	K Skymedi 6626 V4.2
8	64GB	L Skymedi 6632 V4.2/V4.3
9	10GB	M Micron CM011 "Dumas"
		N Micron CM014 "Hugo"
		P Micron CM015 "Proust"
		Q Skymedi 6632 V4.4
		R Skymedi 6811 V4.41
		S Phison 8200 V4.41
		T Phison 8200 V4.41 EF
		U Phison 8200 V4.41 EF FW x.1
		V Phison 8200 V4.41 EF FW ESG
		W Phison 8210 V4.51 BB PL_REG
		X Phison 8210 V4.41 PL_REG
Z	Placeholder	Y Phison 8222 V5.0

Chip Count

- A = 1 NAND Flash (CE0); 1 LPDRAM; 1 e-MMC
- B = 2 NAND Flash (CE0); 1 LPDRAM; 1 e-MMC
- C = 1 NAND Flash (CE0); 2 LPDRAM (CS0#/CS1#); 1 e-MMC
- D = 2 NAND Flash (CE0); 2 LPDRAM (CS0#/CS1#); 1 e-MMC
- E = 0 NAND Flash; 1 LPDRAM; 1 e-MMC
- F = 0 NAND Flash; 2 LPDRAM (CS0#/CS1#); 1 e-MMC
- G = 1 NAND Flash; 1 LPDRAM; 0 e-MMC
- H = 1 NAND Flash; 2 LPDRAM; 0 e-MMC
- I = 2 NAND Flash; 2 LPDRAM; 0 e-MMC
- J = 0 NAND Flash; 0 LPDRAM; 2 e-MMC
- K = 0 NAND Flash; 4 LPDRAM; 1 e-MMC
- L = 0 NAND Flash; 3 LPDRAM; 1 e-MMC
- M = 2 NAND, 1 LPDRAM, 0 e-MMC
- N = 4 NAND, 4 LPDRAM, 0 e-MMC

Operating Voltage Range

	NAND		LPDRAM		e-MMC		Unit
	V _{CC}	V _{DD}	V _{DDQ}	V _{CCM}	V _{CCOM}		
A	NA	1.8	1.8	1.8	1.8	V	
B	1.8	1.8	1.2	1.8	1.8	V	
C	1.8	1.35	1.2	1.8	1.8	V	
D	1.8	1.2	1.2	1.8	1.8	V	
E	1.8	1.8	1.8	3.3	1.8/3.3	V	
F	1.8	1.8	1.8	1.8	1.8	V	
G	NA	1.8	1.8	3.3	1.8/3.3	V	
H	1.8	1.2	1.2	NA	NA	V	
J	NA	1.2	1.2	1.8	1.8	V	
K	NA	1.2	1.2	3.3	1.8/3.3	V	
L	NA	NA	NA	3.3	1.8/3.3	V	
M	1.8	1.8	1.2	1.8	NA	V	
N	3.3	1.2	1.2	NA	NA	V	