Nomenclature for DDR2 Module

Ver.: 1.0

1 2	3	4	5 6	7	8 9	10	11	12	13	14	15	16 17	18
HX	**S**	**S**	**1G**	**T**	**64**	**1**	**8**		**A**	**E**	**-**	**25**	**D**

Identifier
HX = SCS Identifier

Product Group
S = Module

Module Type
F = FB-DIMM
L = VLP-RDIMM
R = RDIMM
P = Parity RDIMM
S = SODIMM
U = UDIMM
E = ECC UDIMM

Density
1G = 1 GB
2G = 2 GB
4G = 4 GB
8G = 8 GB
16 = 16 GB
32 = 32 GB
64 = 64 GB
128 = 128 MB
25 = 256 MB
51 = 512 MB

DRAM Generation
T = DDR2

Module Bits
64 = 64 bits
72 = 72 bits(ECC)

Number of Ranks of Module
1 = 1 Rank
2 = 2 Ranks
3 = 4 Ranks
4 = 8 Ranks
5 = 16 Ranks

Latencies
D = 5-5-5
E = 6-6-6
F = 7-7-7
G = 8-8-8
H = 9-9-9
J = 10-10-10
K = 11-11-11

Speed
19 = 533 MHz
25 = 400 MHz
3 = 333 MHz
37 = 267 MHz
4 = 250 MHz
5 = 200 MHz

Power
- = Standard
L = Low power

Package Technology
T = lead containing
H = lead free, RoHS compliant
E = lead + halogen free, RoHS compliant

Die Revision
A = Frist product
B = Second product
C = Third product

Die Numbers
0 = Monolytic
2 = 2 dies
4 = 3 dies

Number of IOs of Device
4 = x4
8 = x8
6 = x16