Nomenclature for DDR4 Module

Ver.: 4.0

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
S	C	Q	0	8	G	U	1	3	H	1	F	1	C	-	1	8	E	I

Identifier
SC = UniIC Identifier

Product Family
Q/C = DDR4
E = DDR4(E-commerce)
F = DDR4(Heat Spreader)

Density
04G = 4 GB
08G = 8 GB
16G = 16 GB
32G = 32 GB
64G = 64 GB
128 = 128 GB

Module Type
E = ECC UDIMM
L = L-RDIMM
P = Parity RDIMM
S = SODIMM
U = UDIMM
X = ECC SODIMM

Number of Ranks or Module
0 = 1 Rank
1 = 2 Ranks
2 = 4 Ranks
3 = 8 Ranks
4 = 16 Ranks

Number of IOs of Device
2 = x4
3 = x8
4 = x16
5 = x32

Die Revision
H1 = H First Product
H2 = H Second Product
H3 = H Third Product
A1 = UniIC First Product
M1 = M First Product

I = Industrial
Blank = commercial

Latencies
J = 10-10-10
K = 11-11-11
L = 12-12-12
M = 13-13-13
N = 14-14-14
P = 15-15-15
R = 16-16-16
T = 17-17-17
U = 18-18-18
V = 19-19-19
W = 20-20-20
Y = 21-21-21
AA = 22-22-22
AC = 24-24-24

Data Rate
16 = 1600 MHz
18 = 1866 MHz
21 = 2133 MHz
24 = 2400 MHz
26 = 2666 MHz
29 = 2933 MHz
32 = 3200 MHz

Power
- = Standard
L = Low power

Temperature Range & PCB Size
C = Standard PCB
T = Tall PCB
V = VLP PCB

Package Technology
F1 = Planar FBGA
F2 = 1x2 Stacked Die in FBGA
F4 = 1x4 Stacked Die in FBGA