

## DRAM Module PART NUMBERING

- Ichon Site DRAM Module Product

**HYM X X XX X XX X X X X X X X - XX**

**PREFIX OF I-Site  
MEMORY MODULE**

**FAMILY**  
5 : DRAM

**OPERATION VOLTAGE**

NONE : 5.0V (TTL)  
V : 3.3V (LVTTL)

**DATA WIDTH**

8/9 : x8/x9  
32/36/39/40/48 : x32/x36/x39/x40/x48  
64/72 : x64/x72  
144 : x144

**BYTE / ECC ACCESS**

NONE : BYTE  
A : ECC

**DEPTH**

1 : 1M  
2 : 2M  
4 : 4M  
8 : 8M  
16 : 16M  
32 : 32M

**REFRESH**

0 : 4K  
1 : 2K  
2 : 1K  
3 : 8K

**DRAM OPERATION MODE**

0 : FAST PAGE MODE  
4 : EDO MODE

**SPEED**

6 : 60ns  
7 : 70ns  
8 : 80ns

**MODULE INDEX**

NONE, 1, 2, 3 . . . : Index number to distinguish modules using different PCB or sub-materials with same module configuration and operation

**PLATE TYPE**

NONE : TIN  
G : GOLD

**CONNECTOR TYPE**

M : x4 BASED SIMM  
E : x8 BASED SIMM  
W : x16 BASED SIMM  
K : x4 BASED UNBUFFERED DIMM  
F : x8 BASED UNBUFFERED DIMM  
R : x16 BASED UNBUFFERED DIMM  
N : x4 BASED BUFFERED DIMM  
H : x8 BASED BUFFERED DIMM  
X : x16 BASED BUFFERED DIMM  
P : x4 BASED SODIMM  
Z : x8 BASED SODIMM  
Q : x16 BASED SODIMM

**POWER CONSUMPTION**

NONE : NORMAL  
L : LOW POWER  
SL : SELF REFRESH LOW POWER

**MODULE GENERATION**

NONE : 1ST GEN.  
A : 2ND GEN.  
B : 3RD GEN.  
C : 4TH GEN.  
D : 5TH GEN.