

# DDR5 SDRAM Component Part Number Decoder

H5X XX X X XX X X XXX  
 1 2 3    4 5    6    7    8 9    10 11    12 13 14

### 1-3) Product Mode & Type

H5C	DDR5 Component
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### 4-5) Product Density

G3	8Gb
G4	16Gb
GD	24Gb
G5	32Gb
G6	64Gb

### 6) Organization

4	X4
8	X8
6	X16

### 7) Generation

M	1st
A	2nd
B	3rd
C	4th
D	5th
E	6th
J	10th or Special gen.

### 8-9) Speed

EB	4800 40-39-39
EE	4800 46-39-39 (for 3DS)
GB	5600 46-45-45
GE	5600 52-45-45 (for 3DS)

### 10) Temperature

D	CT (0~95°C)
T	IT (-40~95°C)

### 11) Reserved

X	(Reserved for future usage)
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### 12-14) Serial Code

Code	Die Density	Number of Ball	Die Stack	Etc.
012	16Gb	82	2	TSV
013	16Gb	82	4	TSV
014	16Gb	82	1	-
015	16Gb	106	1	-
017	16Gb	106	1	
018	16Gb	82	1	
021	24Gb	82	1	-
022	24Gb	106	1	-
023	16Gb	82	4	TSV
024	16Gb	82	2	TSV

※ Codes can be added, deleted and changed by internal management.

※ This decoder can be used only for understanding SK hynix's part number. It doesn't mean supportability for all kinds of products.