

DDR5 SDRAM DIMM Part Number Decoder

HMX XX X X XX X X XXX X
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

1-3) Product Mode & Type

HMC	DDR5 Module
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4-5) Product Density

G6	8GB
G7	16GB
G8	32GB
GJ	24GB
(TBD)	48GB
G9	64GB
T0	128GB
T1	256GB

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 40-40-40
EE	4800 46-40-40

10) Module Type

U	UDIMM
S	SODIMM
R	RDIMM
L	LRDIMM
E	ECC UDIMM
A	ECC SODIMM
Q	RDIMM (DDR5 x72)

11) Extra Info.

A	16Gb & Low Profile & Commercial Temperature
B	24Gb & Low Profile & Commercial Temperature

12~14) Module Option (See the next page)

15) Sales Type

N	Normal
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12-14) PKG & Module Option

Code	RCD	DB	PMIC	Etc.
102	Renesas(IDT) Gen1.0	-	Renesas(IDT) 5000	-
105	Montage Gen1.0	-	Montage 5010	-
108	Rambus Gen1.0	-	TI 5000	-
110	Rambus Gen1.0	-	TI 5010	-
113	Renesas(IDT) Gen1.0	-	TI 5010	-
121	Renesas(IDT) Gen1.0	-	TI 5000	-
127	Montage Gen1.0	-	Montage 5000	-
128	Renesas(IDT) Gen1.0	-	Renesas(IDT) 5000	3DS 2Hi
129	Renesas(IDT) Gen1.0	-	TI 5000	3DS 2Hi
136	Montage Gen1.0	-	Montage 5000	3DS 2Hi
138	Rambus Gen1.0	-	TI 5000	3DS 2Hi
144	Renesas(IDT) Gen1.0	-	Renesas(IDT) 5000	3DS 4Hi
146	Renesas(IDT) Gen1.0	-	TI 5000	3DS 4Hi
153	Montage Gen1.0	-	Montage 5000	3DS 4Hi
155	Rambus Gen1.0	-	TI 5000	3DS 4Hi

※ PKG & Module Option (12-14 digits) can be added, deleted or changed by internal management.