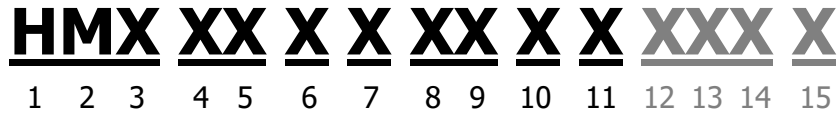


DDR5 SDRAM DIMM Part Number Decoder



1-3) Product Mode & Type

HMC	DDR5 Module
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4-5) Product Density

G6	8GB	GG	12GB
G7	16GB	GJ	24GB
G8	32GB	GY	48GB
G9	64GB	GM	96GB
T0	128GB		
T1	256GB		
T2	512GB		

6) Organization

4	X4
8	X8
6	X16

7) Generation.

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

8-9) Speed

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

HB	6400 52-52-52	HE	6400 60-52-52
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10) Module Type

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

11) Extra Info. (Die Density, DIMM Profile, Temperature)

A	16Gb, Low Profile, CT(0~95°C)
B	24Gb, Low Profile, CT(0~95°C)

12-14) Serial Code

Refer to the next page

15) Sales Type

N	Normal
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※ Codes can be added, deleted or 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.



12-14) Serial Code

Code	RCD	PMIC	Pin	Speed	Die Density	3DS
092		Renesas(IDT) 5100 Gen1	262	4800	16Gb	
095		MPS 5100 Gen1	262	4800	16Gb	
253		Richtek 5100 Gen1	262	4800	16Gb	
081		Renesas(IDT) 5100 Gen1	288	4800	16Gb	
084		MPS 5100 Gen1	288	4800	16Gb	
254		Richtek 5100 Gen1	288	4800	16Gb	
168	Renesas(IDT) Gen1.0	Renesas(IDT) 5010 Gen1.0	288	4800	16Gb	
115	Renesas(IDT) Gen1.0	MPS 5010 Gen1.0	288	4800	16Gb	
113	Renesas(IDT) Gen1.0	TI 5010 Gen1.0	288	4800	16Gb	
173	Montage Gen1.0	Renesas(IDT) 5010 Gen1.0	288	4800	16Gb	
107	Montage Gen1.0	MPS 5010 Gen1.0	288	4800	16Gb	
116	Montage Gen1.0	TI 5010 Gen1.0	288	4800	16Gb	
174	Rambus Gen1.0	Renesas(IDT) 5010 Gen1.0	288	4800	16Gb	
110	Rambus Gen1.0	TI 5010 Gen1.0	288	4800	16Gb	
102	Renesas(IDT) Gen1.0	Renesas(IDT) 5000 Gen1.0	288	4800	16Gb	
123	Renesas(IDT) Gen1.0	MPS 5000 Gen1.0	288	4800	16Gb	
121	Renesas(IDT) Gen1.0	TI 5000 Gen1.0	288	4800	16Gb	
103	Montage Gen1.0	Renesas(IDT) 5000 Gen1.0	288	4800	16Gb	
109	Montage Gen1.0	MPS 5000 Gen1.0	288	4800	16Gb	
124	Montage Gen1.0	TI 5000 Gen1.0	288	4800	16Gb	
127	Montage Gen1.0	Montage 5000 Gen1.0	288	4800	16Gb	



112	Rambus Gen1.0	Renesas(IDT) 5000 Gen1.0	288	4800	16Gb	
108	Rambus Gen1.0	TI 5000 Gen1.0	288	4800	16Gb	
128	Renesas(IDT) Gen1.0	Renesas(IDT) 5000 Gen1.0	288	4800	16Gb	3DS 2Hi
131	Renesas(IDT) Gen1.0	MPS 5000 Gen1.0	288	4800	16Gb	3DS 2Hi
129	Renesas(IDT) Gen1.0	TI 5000 Gen1.0	288	4800	16Gb	3DS 2Hi
132	Montage Gen1.0	Renesas(IDT) 5000 Gen1.0	288	4800	16Gb	3DS 2Hi
135	Montage Gen1.0	MPS 5000 Gen1.0	288	4800	16Gb	3DS 2Hi
133	Montage Gen1.0	TI 5000 Gen1.0	288	4800	16Gb	3DS 2Hi
137	Rambus Gen1.0	Renesas(IDT) 5000 Gen1.0	288	4800	16Gb	3DS 2Hi
138	Rambus Gen1.0	TI 5000 Gen1.0	288	4800	16Gb	3DS 2Hi
144	Renesas(IDT) Gen1.0	Renesas(IDT) 5000 Gen1.0	288	4800	16Gb	3DS 4Hi
147	Renesas(IDT) Gen1.0	MPS 5000 Gen1.0	288	4800	16Gb	3DS 4Hi
146	Renesas(IDT) Gen1.0	TI 5000 Gen1.0	288	4800	16Gb	3DS 4Hi
149	Montage Gen1.0	Renesas(IDT) 5000 Gen1.0	288	4800	16Gb	3DS 4Hi
152	Montage Gen1.0	MPS 5000 Gen1.0	288	4800	16Gb	3DS 4Hi
150	Montage Gen1.0	TI 5000 Gen1.0	288	4800	16Gb	3DS 4Hi
154	Rambus Gen1.0	Renesas(IDT) 5000 Gen1.0	288	4800	16Gb	3DS 4Hi
155	Rambus Gen1.0	TI 5000 Gen1.0	288	4800	16Gb	3DS 4Hi
212		Renesas(IDT) 5100 Gen1	262	4800	24Gb	
250		MPS 5100 Gen1	262	4800	24Gb	
255		Richtek 5100 Gen1	262	4800	24Gb	
213		Renesas(IDT) 5100 Gen1	288	4800	24Gb	
252		MPS 5100 Gen1	288	4800	24Gb	



256		Richtek 5100 Gen1	288	4800	24Gb	
216	Renesas(IDT) Gen1.0	Renesas(IDT) 5010 Gen1.0	288	4800	24Gb	
215	Renesas(IDT) Gen1.0	MPS 5010 Gen1.0	288	4800	24Gb	
219	Montage Gen1.0	Renesas(IDT) 5010 Gen1.0	288	4800	24Gb	
218	Montage Gen1.0	MPS 5010 Gen1.0	288	4800	24Gb	
220	Rambus Gen1.0	TI 5010 Gen1.0	288	4800	24Gb	
175	Renesas(IDT) Gen1.0	Renesas(IDT) 5000 Gen1.0	288	4800	24Gb	
233	Renesas(IDT) Gen1.0	MPS 5000 Gen1.0	288	4800	24Gb	
236	Montage Gen1.0	Renesas(IDT) 5000 Gen1.0	288	4800	24Gb	
235	Montage Gen1.0	MPS 5000 Gen1.0	288	4800	24Gb	
237	Rambus Gen1.0	TI 5000 Gen1.0	288	4800	24Gb	
185	Renesas(IDT) Gen2.0	Renesas(IDT) 5010 Gen1.0	288	5600	16Gb	
187	Renesas(IDT) Gen2.0	MPS 5010 Gen1.0	288	5600	16Gb	
186	Renesas(IDT) Gen2.0	TI 5010 Gen1.0	288	5600	16Gb	
188	Montage Gen2.0	Renesas(IDT) 5010 Gen1.0	288	5600	16Gb	
190	Montage Gen2.0	MPS 5010 Gen1.0	288	5600	16Gb	
191	Rambus Gen2.0	Renesas(IDT) 5010 Gen1.0	288	5600	16Gb	
193	Rambus Gen2.0	MPS 5010 Gen1.0	288	5600	16Gb	
192	Rambus Gen2.0	TI 5010 Gen1.0	288	5600	16Gb	
176	Renesas(IDT) Gen2.0	Renesas(IDT) 5000 Gen1.0	288	5600	16Gb	
178	Renesas(IDT) Gen2.0	MPS 5000 Gen1.0	288	5600	16Gb	
177	Renesas(IDT) Gen2.0	TI 5000 Gen1.0	288	5600	16Gb	
179	Montage Gen2.0	Renesas(IDT) 5000 Gen1.0	288	5600	16Gb	



181	Montage Gen2.0	MPS 5000 Gen1.0	288	5600	16Gb	
182	Rambus Gen2.0	Renesas(IDT) 5000 Gen1.0	288	5600	16Gb	
184	Rambus Gen2.0	MPS 5000 Gen1.0	288	5600	16Gb	
183	Rambus Gen2.0	TI 5000 Gen1.0	288	5600	16Gb	
195	Renesas(IDT) Gen2.0	TI 5000 Gen1.0	288	5600	16Gb	3DS 2Hi
197	Montage Gen2.0	Renesas(IDT) 5000 Gen1.0	288	5600	16Gb	3DS 2Hi
199	Montage Gen2.0	MPS 5000 Gen1.0	288	5600	16Gb	3DS 2Hi
200	Rambus Gen2.0	Renesas(IDT) 5000 Gen1.0	288	5600	16Gb	3DS 2Hi
202	Rambus Gen2.0	MPS 5000 Gen1.0	288	5600	16Gb	3DS 2Hi
204	Renesas(IDT) Gen2.0	TI 5000 Gen1.0	288	5600	16Gb	3DS 4Hi
206	Montage Gen2.0	Renesas(IDT) 5000 Gen1.0	288	5600	16Gb	3DS 4Hi
208	Montage Gen2.0	MPS 5000 Gen1.0	288	5600	16Gb	3DS 4Hi
209	Rambus Gen2.0	Renesas(IDT) 5000 Gen1.0	288	5600	16Gb	3DS 4Hi
211	Rambus Gen2.0	MPS 5000 Gen1.0	288	5600	16Gb	3DS 4Hi
223	Renesas(IDT) Gen2.0	TI 5010 Gen1.0	288	5600	24Gb	
228	Montage Gen2.0	Renesas(IDT) 5010 Gen1.0	288	5600	24Gb	
227	Montage Gen2.0	MPS 5010 Gen1.0	288	5600	24Gb	
231	Rambus Gen2.0	Renesas(IDT) 5010 Gen1.0	288	5600	24Gb	
230	Rambus Gen2.0	MPS 5010 Gen1.0	288	5600	24Gb	
240	Renesas(IDT) Gen2.0	TI 5000 Gen1.0	288	5600	24Gb	
245	Montage Gen2.0	Renesas(IDT) 5000 Gen1.0	288	5600	24Gb	
244	Montage Gen2.0	MPS 5000 Gen1.0	288	5600	24Gb	
248	Rambus Gen2.0	Renesas(IDT) 5000 Gen1.0	288	5600	24Gb	



247	Rambus Gen2.0	MPS 5000 Gen1.0	288	5600	24Gb	
284	Renesas(IDT) Gen3.0	Renesas(IDT) 5010 Gen1.0	288	6400	16Gb	
290	Renesas(IDT) Gen3.0	MPS 5010 Gen1.0	288	6400	16Gb	
292	Montage Gen3.0	MPS 5010 Gen1.0	288	6400	16Gb	
288	Rambus Gen3.0	TI 5010 Gen1.0	288	6400	16Gb	
275	Renesas(IDT) Gen3.0	Renesas(IDT) 5000 Gen1.0	288	6400	16Gb	
281	Renesas(IDT) Gen3.0	MPS 5000 Gen1.0	288	6400	16Gb	
283	Montage Gen3.0	MPS 5000 Gen1.0	288	6400	16Gb	
279	Rambus Gen3.0	TI 5000 Gen1.0	288	6400	16Gb	

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