

GDDR6 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

H56	GDDR6 Component
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4-5) Product Density

G3	8Gb
G4	16Gb

6) Organization

2	X32
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7) Generation

M	1st
A	2nd
B	3rd
C	4th
D	5th

8-9) Speed

S0	DDR 6.0GHz
S2	DDR 7.0GHz
S4	DDR 8.0GHz
S6	DDR 9.0GHz
S8	DDR 10.0GHz

10) Temperature

D	0~85°C
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11) Reserved

X	Reserved
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12-14) PKG option

Code	Die Density	PKG type	Number of Die	Number of Ball	Power Supply
005	4Gb	FCBCA	DDP	180	VDD=1.35V, VDDQ=1.35V
013	8Gb	FCBCA	DDP	180	VDD=1.35V, VDDQ=1.35V

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