

GRAPHICS MEMORY PART-NUMBER DECODER

H **5** **X** **X** **XX** **X** **X** **X** **X** **X** - **XX** **X**

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SK HYNIX MEMORY

PRODUCT FAMILY

5 : DRAM

PRODUCT MODE

6 : GDDR6

POWER SUPPLY

C : VDD=1.35V & VDDQ=1.35V

DENSITY & REFRESH

8H : 8Gb, 16K/32ms Refresh
BM : 16Gb, 16K/32ms Refresh

ORGANIZATION

2 : x32

NUMBER OF BANKS

4 : 16 Banks

DIE GENERATION

M : 1st D : 5th
A : 2nd E : 6th
B : 3rd F : 7th
C : 4th G : 8th

OPERATING TEMPERATURE & POWER CONSUMPTION

C : Commercial Temp1) & Normal Power

SPEED

S0 : 6GHz
S2 : 7GHz
S4 : 8GHz

PACKAGE MATERIAL

R : Lead Free & Halogen Free
(ROHS2) compliant)

PACKAGE TYPE

I : FCBGA DDP (Flipchip DDP)
J : FCBGA (Flipchip)

Note:

1) Commercial Temperature: 0°C ~ 85°C

2) ROHS : Restriction Of Hazardous Substances