RDRAM® Code Information(1/2)

Last Updated : June 2009

K	4	R	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

1. Memory (K)

2. DRAM : 4

3. Small Classification

R : RDRAM ®

4~5. Density,Refresh

27 : 128M, 16K/32ms (1.95us)
44 : 144M, 16K/32ms (1.95us)
57 : 256M, 16K/32ms (1.95us)
88 : 288M, 16K/32ms (1.95us)
52 : 512M, 32K/32ms (0.98us)
76 : 576M, 32K/32ms (0.98us)

6~7. Organization

16 : x16
18 : x18

8. Bank

6 : 32Bank

9. Interface, VDD, VDDQ

9 : RSL, 2.5V, 2.5V

10. Generation

11. "—"

12. Package

M : µBGA® packages[1] for Mirrored Package
N : µBGA® packages[1] for Normal Package
S : µBGA® packages[1] for Consumer Package
F : WBGA
G : WBGA Lead-Free
H : WBGA Lead-Free for So-RIMM Module
T : Consumer WBGA (54ball) & Lead-Free
R : Consumer WBGA (54ball)
D : FBGA & Lead-Free

Notes

1) µBGA® packages are registered trademarks of Tessera.

13. Temp, Power

C : Commercial, Normal
L : Commercial, Low
I : Industrial, Normal

14~15. Speed (t_{CYCLE}, t_{RAC}, t_{RC})

DS : for Daisy chain Sample
N1 : 600MHz(1.667ns), -32, 32clks, for Long channel
T9 : 533MHz(1.85ns), -32P, 28clks, for Long channel
N9 : 533MHz(1.875ns), -32, 28clks, for Long channel
M9 : 533MHz(1.875ns), -35, 32clks, for Long channel
S9 : 533MHz(1.875ns), -35, 32clks, for Short channel

M8 : 400MHz(2.5ns), -40, 28clks, for Long channel
K8 : 400MHz(2.5ns), -45, 28clks, for Long channel
S8 : 400MHz(2.5ns), -45, 28clks, for Short channel

K7 : 356MHz(2.81ns), -45, 28clks, for Long channel
G6 : 300MHz(3.33ns), -53.3, 28clks, for Long channel
S6 : 300MHz(3.33ns), -53.3, 28ckls, for Short channel

RDRAM® Code Information(2/2)

Last Updated : June 2009

K	4	R	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

16. Packing "Packing Type Reference"

- Common to all products, except of Mask ROM
- Divided into TAPE & REEL(In Mask ROM, divided into TRAY, AMMO Packing Separately)

Divide	Packing Type	New Marking
Component	TAPE & REEL	T
	Other (Tray, Tube, Jar)	0 (Number)
	Stack	S
Module	MODULE TAPE & REEL	P
	MODULE Other Packing	M

17~18. Customer "Customer List Reference"