- · single ranked
- · 8GB 8Gbohips
- · PC4-28600
- · 1 KB page SIZE
- · le outstanding nequests
  - ·x8 devices

Memory organization:

$$X = \frac{2^{30}}{2^{3}} = 2^{27}$$
 or 128 M

Columns:

page size = 
$$\frac{\text{C} \cdot 2^3}{2^3}$$
 = 1KB

Rows:  

$$r = row bits$$
  
 $2^r \cdot 2^{10} = 2^{27}$   
 $r = 17$   
 $2^{17} rows = 17 row bits$ 

MARKET STATE

Banks & Bank Groups:

X8 devices hake 4 banks groups of 4 banks

80, 2 bank bits 2 bank group bits

Diagram:

17 16 109 87 65 32 CO HIGH COlumn Spark Capair Column Select

> 2 Junused bits