Bit Mapping specifications: · Single rank · 8GB - 8Gb chips · PCH-25600 · 1 KB page size · le outstanding reguests · X & devices Using 8 Gb chips, there are 230 or 33 address bits. page size =  $\frac{C \cdot 2^3}{2^3} = 1 \text{ KB}$ Columns! C=1KB=210 2 columns = 10 columbits Byte alignment: The Levices addresses are 8 byte aligned, so there will be 3 "unused" byte select bits

Banks and Bank Groups;
This is using ddr4 chips
with x8 organization. That
means there are H bank groups
Consisting of H banks. Ile banks
in total. This means there are
2 bank bits and 2 bank group
bits.
Pow:
33-3-4 = 10 = 10 row bits

32	1710	109 87 65	32
row	High	or or colu	nn select

Bit Map