~~SRAM chips for ...~~

Structured Hardware Design 2005

p2q1a DJG

Answer: 4 MARKS

1 Mbyte = 2^{20} locations of 8 bits

= 2^{17} locations of $2^3 \times 8$ bits

32K x 8 SRAM has 15 address lines. 2^{15} locations

Need array (8 chips wide), (4 chips long.