

1996 Paper 13 Question 2

Computer Architecture

Give the circuit diagram and describe the operation of the following types of memory cell:

(a) bipolar memory cell (static) [5 marks]

(b) MOS memory cell (static) [5 marks]

Give the key characteristics of *each* of the following types of memory: DRAM, ROM, PROM, EPROM and EEPROM. [2 marks each]