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 upto 64KB; A 16-bit program counter; A
 16-bit stack pointer; Six 8-bit registers
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 programming model includes six
 registers, one accumulator, and one flag
 register, as shown in Figure. In addition,
 it has two 16-bit registers: the stack
 pointer and the program counter. They
 are described briefly as follows. The
 8085/8080A has six general-purpose
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 technology. This processor is the
 updated version of the microprocessor.
 The configurations of 8085
 microprocessor mainly include data
 bus-8-bit, address bus-16 bit, program
 counter -16-bit, stack pointer-16 bit,

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microprocessor, and it was launched by Intel team in the year of 1976 with the help of NMOS technology. This processor is the updated version of the microprocessor. The configurations of 8085 microprocessor mainly include data bus-8-bit, address bus-16 bit, program counter -16-bit, stack pointer-16 bit, registers 8-bit, +5V voltage supply and works at 3.2 MHz single segment CLK.

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