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Features of 8051 Microcontroller. An 8051 microcontroller comes bundled with the following features – 4KB bytes on-chip program memory (ROM) 128 bytes on-chip data memory (RAM) Four register banks; 128 user defined software flags; 8-bit bidirectional data bus; 16-bit unidirectional address bus; 32 general purpose registers each of 8-bit

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