

Manufacturers	<a href="#">Intel Corp</a>
Package/Case	DIP-40
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for D87C51FA-1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

D87C51FA-1 refers to a specific model of microcontroller from the 8051 family, which was developed by Intel in the early 1980s and has since become a widely used architecture. The "D" in the part number indicates that it is an 8-bit device, while the "87C51" indicates that it is part of the 8051 family, and "FA-1" indicates that it has a frequency range of 0-33 MHz.

## Features

- 8-bit data bus
- 16-bit address bus
- 32 programmable I/O pins
- 128 bytes of on-chip RAM
- 4 KB of on-chip ROM
- Two 16-bit timer/counters
- Full-duplex UART
- 6-source/5-vector interrupt structure
- Power-saving mode
- In-system programmable (ISP) via serial port

## Application

- Industrial control systems
- Automotive electronics
- Consumer electronics
- Robotics
- Medical devices
- Communication systems
- Security systems
- Electronic toys

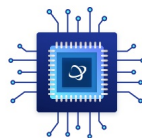


### Related Products



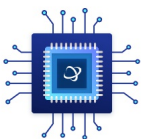
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Intel Corp  
DIP



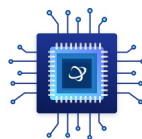
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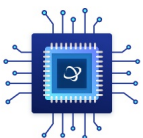
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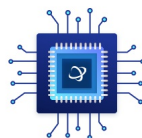
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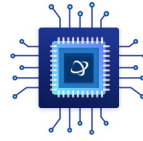
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