

IC MPU 16Bit 5V 20MHz EXT 68PLCC

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|---------------|----------------------------|
| Manufacturers | Intel Corp |
| Package/Case | PLCC-68 |
| Product Type | Programmable Logic ICs |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for TN80C196KC20 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

TN80C196KC20 is a microcontroller from the 80C196 family, which is a high-performance, 16-bit microcontroller architecture developed by Intel Corporation. It is a member of the MCS-96 family of microcontrollers and is based on the CISC (Complex Instruction Set Computer) architecture.

Features

16-bit CPU with a clock speed of up to 20 MHz

64 KB of on-chip program memory (EPROM)

2 KB of on-chip data memory (RAM)

3 UARTs (Universal Asynchronous Receiver/Transmitter)

3 Timers/Counters

8-channel 10-bit ADC (Analog-to-Digital Converter)

8-channel 8-bit PWM (Pulse Width Modulation)

I²C (Inter-Integrated Circuit) interface

SPI (Serial Peripheral Interface) interface

Parallel I/O ports

Interrupt controller with 32 interrupt sources

Operating voltage range: 4.5 V to 5.5 V

Temperature range: -40°C to +85°C

Application

Automotive systems: engine control units, body control modules, instrument clusters

Industrial control systems: PLCs (Programmable Logic Controllers), motor control, process control

Communication systems: data modems, network controllers

Consumer electronics: home appliances, multimedia devices

Medical devices: patient monitors, diagnostic equipment

Security systems: access control, surveillance systems

Embedded systems: general-purpose embedded control applications

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Related Products



[TN28F020-150](#)

Intel Corp
PLCC-32



[TN80C196KB16](#)

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PLCC-68



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