

CHMOS SINGLE-CHIP 8-BIT MICROCONTROLLER

Manufacturers	Intel Corp
Package/Case	PLCC44
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for TN80C31BH1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

TN80C31BH1 is a microcontroller chip produced by the Atmel Corporation, which is now owned by Microchip Technology. It belongs to the MCS-51 family of microcontrollers, which are widely used in various industrial and consumer applications.

Features

- 8-bit CPU with 4KB on-chip Flash program memory
- 128 bytes of on-chip RAM
- 32 programmable I/O lines
- 3 timer/counters
- 2 external interrupt sources
- Full-duplex UART serial channel
- Low-power idle and power-down modes
- Operating voltage range of 4.5V to 5.5V
- Operating temperature range of -40°C to 85°C

Application

- Industrial automation and control systems
- Household appliances and consumer electronics
- Automotive electronics
- Medical instruments
- Security and surveillance systems
- Communication devices



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