P89V51RD2BN

Data Sheet

8 Bit MCU, 8051 Family P89V Series Microcontrollers, 33 MHz, 64 KB, 1 KB, 40 Pins, DIP

Manufacturers	NXP Semiconductor
Package/Case	DIP-40
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for P89V51RD2BN or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

P89V51RD2BN is a microcontroller from NXP Semiconductors. It is a member of the 8051 microcontroller family and is based on an enhanced 8-bit architecture.

Features

80C51 central processing unit (CPU) with 64KB flash program memory and 1024 bytes of on-chip data RAM

32 programmable I/O lines

Two 16-bit timer/counters

Full-duplex UART

Programmable Watchdog Timer

Programmable counter array (PCA) with six multi-purpose input/output pins

SPI and I2C serial interfaces

On-chip oscillator with clock frequencies ranging from DC to 40MHz

Application

Industrial control systems

Medical instruments

Automotive applications

Security systems

Consumer electronics

P89V51RD2BN
CN5401.00
kzN0233 AC

PHILIPS
P89V51RD2BN
CN5401.00
kzN0233 AC

Related Products

P89V664FA

NXP Semiconductor

PLCC44

P80C592FFA

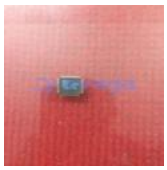
NXP Semiconductor

PLCC-68

P87C52X2FN

NXP Semiconductor

DIP40



P89V51RD2FBC

NXP Semiconductor

QFP-44

P87LPC764FN

NXP Semiconductor

DIP20

P89C668HBA

NXP Semiconductor

PLCC-44

P89LPC901FN

NXP Semiconductor

DIP8

P89C668HFA

NXP Semiconductor

PLCC-44