

## Ethernet CTLR Single Chip 10Mbps/100Mbps/1000Mbps 1.8V/3.3V 208-Pin PQFP



Images are for reference only

[Inquiry](#)

<b>Manufacturer:</b>	<u>Texas Instruments, Inc</u>
<b>Package/Case:</b>	QFP
<b>Product Type:</b>	Communication & Networking ICs
<b>Lifecycle:</b>	Obsolete

### General Description

The DP83820BVUW is an Ethernet PHY that provides the physical layer interface for Ethernet communication. It is commonly used in various networked systems and devices to enable data communication over an Ethernet network.

### Key Features

**10/100 Mb/s Ethernet Support:** The DP83820BVUW supports both 10 Mbps and 100 Mbps Ethernet speeds, making it suitable for Fast Ethernet (10/100BASE-T) networks.

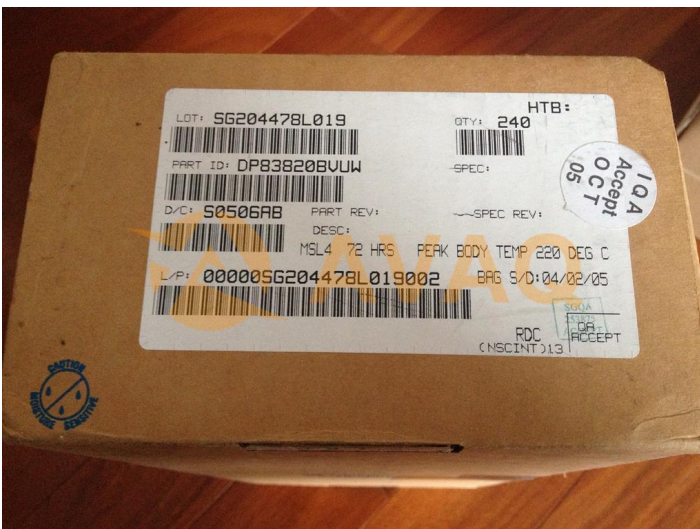
**Media Independent Interface (MII):** It typically features an MII interface, which is a standard interface used to connect the PHY to the Media Access Controller (MAC) in Ethernet devices.

**Auto-Negotiation:** The PHY supports auto-negotiation, allowing it to automatically establish the best possible communication mode (10 Mbps or 100 Mbps) with the connected device.

**Link and Activity LED Indicators:** The DP83820BVUW usually includes LED indicators to show link and activity status, providing visual feedback on the network connection.

**Low Power Consumption:** It is designed to have low power consumption, making it suitable for energy-efficient systems.

**Auto-MDIX:** The PHY supports Auto-MDIX, which allows the device to automatically detect and adjust for the type of Ethernet cable (straight-through or crossover) used in the connection.



## Recommended For You

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### **DP83905AVQB**

Texas Instruments, Inc  
QFP

### **DP83934CVUL-25**

Texas Instruments, Inc  
QFP160

### **DP83934AVQB**

Texas Instruments, Inc  
QFP

### **DP83902AVJG/NOPB**

Texas Instruments, Inc  
QFP

### **DP83907VF**

Texas Instruments, Inc  
QFP

### **DP83934CVUL-3V**

Texas Instruments, Inc  
QFP-160

### **DP83222V**

Texas Instruments, Inc  
PLCC

### **DP83861VQM**

Texas Instruments, Inc  
QFP

### **DP83934CVUL-33**

Texas Instruments, Inc  
QFP

### **DP83910AV**

Texas Instruments, Inc  
PLCC28

### **DP83936AVUL-33**

Texas Instruments, Inc  
QFP

### **DP83902AV/NOPB**

Texas Instruments, Inc  
PLCC84

### **DP83901AV**

Texas Instruments, Inc  
PLCC

### **DP83902AVLJ**

Texas Instruments, Inc  
QFP

### **DP83910AV/NOPB**

Texas Instruments, Inc  
PLCC28