

Ethernet Controller, 10 Mbps, IEEE 802.3, 3.1 V, 3.6 V, DIP, 28 Pins

Manufacturers [Microchip Technology, Inc](#)

Package/Case SPDIP-28

Product Type Interface ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for ENC28J60-I/SP or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Microchip's ENC28J60 is a 28-pin, 10BASE-T stand alone Ethernet Controller with on board MAC & PHY, 8 Kbytes of Buffer RAM and an SPI serial interface. With a small foot print package size the ENC28J60 minimizes complexity, board space and cost. Target applications include VoIP, Industrial Automation, Building Automation, Home Control, Security and Instrumentation. Ethernet Application Design Center Microchip's complimentary and confidential LANCheck® online design review services are available for customers who have selected our products for their application design-in*. *The LANCheck online design review service is subject to Microchip's Program Terms and Conditions and requires a myMicrochip account.

Features

IEEE 802.3 compatible

Integrated MAC and 10BASE-T

8 Kbyte Transmit/Receive Packet Dual Port Buffer

Programmable Automatic Retransmit on Collision

Internal DMA for fast memory copying

Programmable wake-up on multiple packet formats, including Magic Packet®, Unicast, Multicast, Broadcast, specific packet match or any packet

Hardware assisted IP checksum

Programmable pattern matching of up to 64 bytes within packet at user defined offset

Packaging: SOIC- SPDIP- SSOP- QFN (6x6 mm)

Related Products



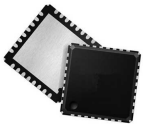
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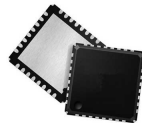
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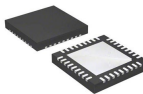
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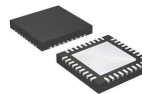
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