

8255 Interface

Manufacturers	Intel Corp
Package/Case	DIP-40
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MD8255A or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MD8255A is a general-purpose programmable I/O device designed by Intel. It is an 8-bit parallel input/output port with three programmable operating modes: mode 0 for basic input/output, mode 1 for strobed input/output, and mode 2 for bidirectional bus input/output.

Features

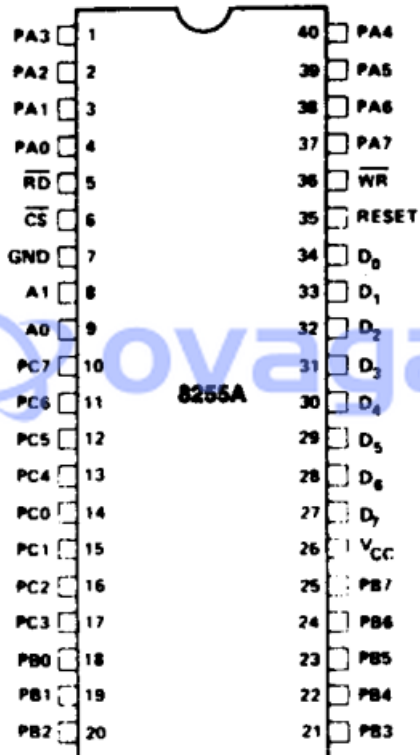
- Three programmable operating modes
- 24 I/O lines that can be individually programmed as input or output
- Direct interface with a microprocessor without needing additional circuitry
- Programmable interrupt capability
- Low power consumption
- 40-pin DIP package

Application

- Interfacing with various input and output devices such as keyboards, displays, printers, sensors, and switches
- Control and monitoring of various industrial and automotive systems
- Data acquisition and control in laboratory and research settings
- Educational purposes for learning about I/O interfacing and programming



Pin Configuration



231308-5

Related Products



[MD8255A/B](#)

Intel Corp
DIP-40



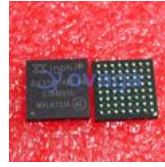
[NH82801GHM](#)

Intel Corp
BGA



[NH82801DB](#)

Intel Corp
BGA-421



[ELLXT971ABC.A4-870477](#)

Intel Corp
BGA64



[LXT332QE](#)

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QFP



[P82C55A2](#)

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DIP40



[GD31244SL786](#)

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256-LFBGA



[D8255](#)

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DIP