

Manufacturers	Intel Corp
Package/Case	DIP-40
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for P82C55A-2 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

P82C55A-2 is a peripheral interface adapter (PIA) chip manufactured by Intel Corporation. It is an improved version of the PPI (Programmable Peripheral Interface) chip, and it provides 24 input/output (I/O) lines that can be configured in various ways.

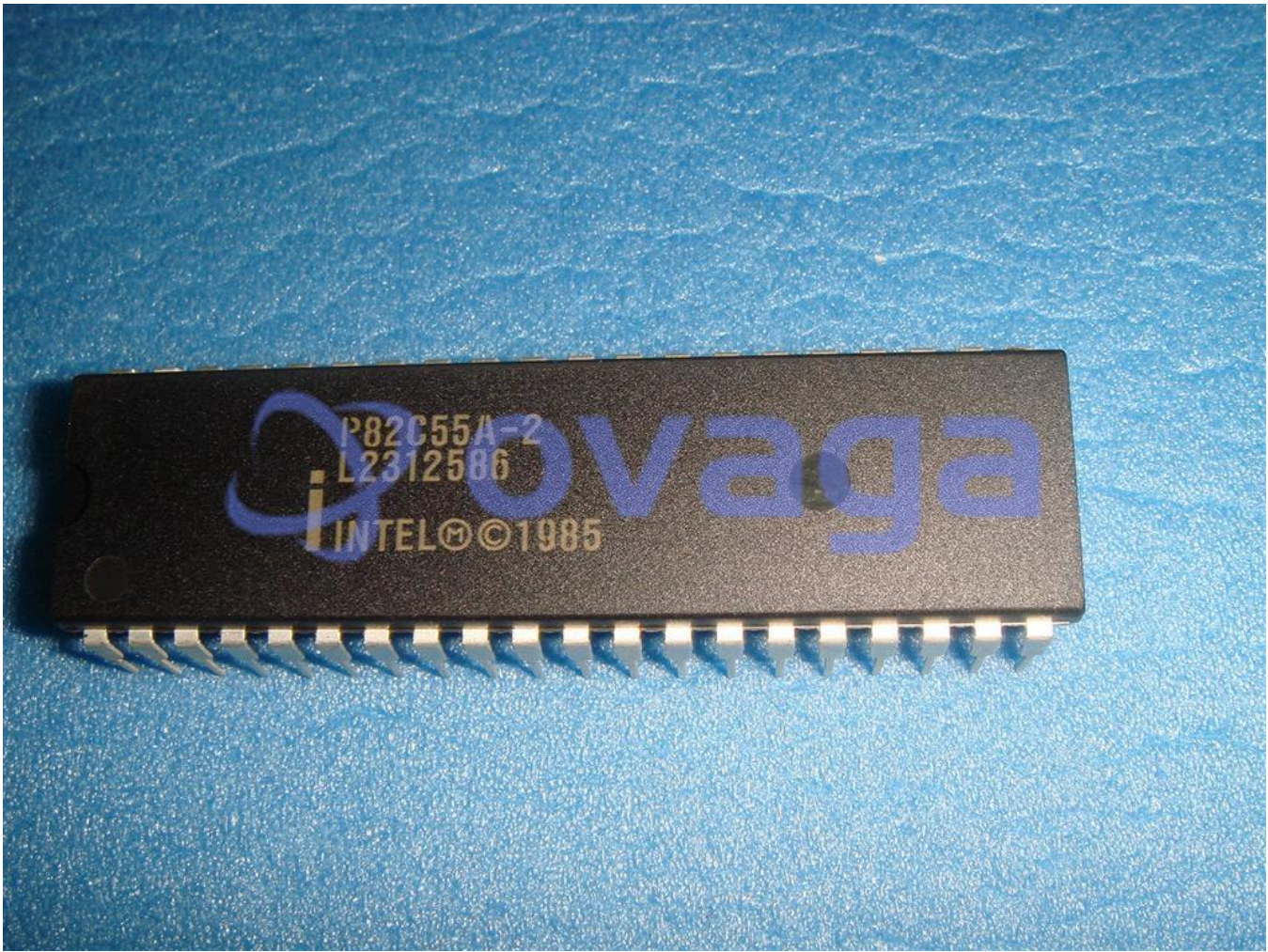
Features

- 24 I/O lines that can be individually programmed as inputs or outputs
- 3 modes of operation: mode 0 for basic input/output, mode 1 for strobed input/output, and mode 2 for bidirectional bus
- Interrupt capability for each of the 3 modes
- Chip select and read/write control signals for easy interfacing with microprocessors

Application

- Parallel data transfer between a microprocessor and peripheral devices, such as printers or displays
- Control of electromechanical devices, such as motors or relays
- Input/output operations for user interfaces, such as keypads or switches



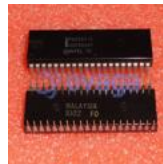


Related Products



[P82C54-2](#)

Intel Corp
DIP-24



[P8255A-5](#)

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DIP-40



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