

I/O Controller 0.09A 128-Pin QFP



Images are for reference only

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Manufacturer:	Microchip Technology, Inc
Package/Case:	QFP
Product Type:	Discrete Semiconductor Modules
Lifecycle:	Obsolete

General Description

The FDC37M707 is a highly integrated Super I/O controller chip designed to interface with the main components of a computer system. It is commonly used in motherboards and embedded systems to provide a range of I/O capabilities and enhance system functionality.

Key Features

Multiple I/O functions: The FDC37M707 integrates various I/O functions into a single chip, including parallel port, serial ports, floppy disk controller, keyboard controller, infrared interface, and game port.

Legacy support: It offers support for legacy devices such as floppy disk drives, serial and parallel printers, PS/2 keyboards, and game controllers, allowing compatibility with older hardware and software.

Enhanced functionality: The chip provides additional features like hardware monitoring, which enables monitoring of system voltage, temperature, and fan speed for system health monitoring and protection.

Industry-standard interfaces: It supports standard interfaces like UART (Universal Asynchronous Receiver/Transmitter) for serial communication and ISA (Industry

Standard Architecture) bus for connection to the system bus.

Low power consumption: It is designed to be power-efficient, helping to reduce overall system power consumption.

Application

Desktop computers and workstations

Industrial and embedded systems

Point-of-sale (POS) terminals

Gaming consoles

Communication equipment

Recommended For You

FDC37M817

Microchip Technology, Inc

QFP

FDC37C932APM

Microchip Technology, Inc

QFP

FDC37C682

Microchip Technology, Inc

QFP

FDC37C665

Microchip Technology, Inc

QFP

FDC37C675QFP

Microchip Technology, Inc

QFP

FDC37N958FRTQFP

Microchip Technology, Inc

QFP-

FDC37C669FR

Microchip Technology, Inc

QFP

FDC37C932FRQFP

Microchip Technology, Inc

QFP

FDC37C666

Microchip Technology, Inc

QFP

FDC37N972

Microchip Technology, Inc

BGA

FDC37B772

Microchip Technology, Inc

QFP

FDC37N972TQFP

Microchip Technology, Inc

TQFP

FDC37M812

Microchip Technology, Inc

QFP

FDC37M812QFP

Microchip Technology, Inc

BGA

FDC37B807

Microchip Technology, Inc

QFP