


I/O Controller Floppy Disc Controller 128-Pin MQFP Tray

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



Images are for reference only

[Inquiry](#)

General Description

LPC47M182 is a 3.3V (5V tolerant) PC99a/PC2001 compliant Advanced I/O controller for Desktop PCs. It's LPC interface supports LPC I/O and DMA cycles. The true CMOS765B core provides 100% compatibility with IBM PC/XTTM and PC/ATTM architectures. The parallel port is compatible with IEEE 1284 EPP and ECP. The product incorporates sophisticated power control circuitry (PCC) which includes support for keyboard and mouse wake up events as well as PME support. The PCC supports multiple low power-down modes. The Motherboard Glue logic includes various power management logic including generation of nRSMRST, Power OK signal generation, 5V main and standby reference generation. There are also three LEDs to indicate power status and hard drive activity. The translation circuit converts 3.3V signals to 5V signals. SMBus main power well to resume power well isolation circuitry, included. The I/O Address, DMA Channel and hardware IRQ of each logical device in the LPC47M182 may be reprogrammed through the internal configuration registers. There are up to 480 (960 for Parallel Port) I/O address location options, a Serialized IRQ interface, and three DMA channels. Family parts LPC47M182-NW

Key Features

Features:

LPC Interface

128 QFP Packaging

13 GPIO pins

Motherboard GLUE Logic

2 Fan Tachometer Inputs

Legacy I/O

CMOS 765B Floppy Disk Controller

Two 16C550A Compatible UARTs

1 Multi-Mode Parallel Port with ChiProtect™, EPP and ECP

ACPI 1.0b/2.0 Compatible

ISA Plug-and-Play Standard Support



Recommended For You

LPC47N227-MV

Microchip Technology, Inc

QFP

LPC47M287-NW

Microchip Technology, Inc

QFP

LPC47N217-JV

Microchip Technology, Inc

QFP64

LPC47M192-NC

Microchip Technology, Inc

QFP

LPC47M107S-MC

Microchip Technology, Inc

QFP

LPC47M107S-MS

Microchip Technology, Inc

QFP

LPC47M182E-NW

Microchip Technology, Inc

QFP

LPC47N217N-ABZJ

Microchip Technology, Inc

QFN56

LPC47M102S-MS

Microchip Technology, Inc

QFP100

LPC47N237-MT

Microchip Technology, Inc

QFP

LPC47M112-MW

Microchip Technology, Inc

QFP

LPC47M142-NC

Microchip Technology, Inc

QFP

LPC47N207-JV

Microchip Technology, Inc

QFP

LPC47N267-MN

Microchip Technology, Inc

QFP

LPC47B277QFP

Microchip Technology, Inc

QFP