


## I/O Controller 128-Pin VTQN Tray

<b>Manufacturer:</b>	<u>Microchip Technology, Inc</u>
<b>Package/Case:</b>	TQFP128
<b>Product Type:</b>	Discrete Semiconductor Modules
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

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## General Description

The SIO10N268 is a single chip I/O device that can be used on the ISA or LPC bus. It is a 3.3V operational (5.0V tolerant), PC 99/2001, and ACPI 1.0 compliant SuperI/O Controller.

This device includes SMSC's true CMOS 765B floppy disk controller with advanced digital data separator and Multi-Mode parallel port with ChiProtect™ circuitry plus EPP and ECP support.

Implements the LPC bus interface when in LPC Mode. In this mode, the X-Bus Interface is enabled to interface to external I/O devices that have an 8-bit data bus and to standard ISA memory devices, up to 2MB, which can serve as BIOS flash. The I/O Address, DMA Channel and Hardware IRQ of each device in the part may be reprogrammed through the internal configuration registers. The SIO10N268 is a single chip I/O device that can be used on the ISA or LPC bus. It is a 3.3V operational (5.0V tolerant), PC 99/2001, and ACPI 1.0 compliant SuperI/O Controller. This device includes SMSC's true CMOS 765B floppy disk controller with advanced digital data separator and Multi-Mode parallel port with ChiProtect™ circuitry plus EPP and ECP support.

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Family parts SIO10N268-NU

## Key Features

3.3V Operating Voltage

128 VTQP Package

33 GPIO pins

2 Blink LED

Watchdog timer

4 16C550 Compatible UARTs

ACPI 1.0 Compliant

CMOS 765B Floppy Disk Controller

Multi-mode parallel port with ChiProtect™, EPP and ECP Support

Supports ISA Plug-and-Play Standard (Version 1.0a)

One UART includes additional support for Serial Infrared Interface. Complies with: IrDA v1.2 (Fast IR), HPSIR, and ASKIR formats, and Consumer IR.)



## Recommended For You

### SIO1036-ZG

Microchip Technology, Inc

QFN

### SIO1028-JZX-TR

Microchip Technology, Inc

QFN

### SIO1028-JZX

Microchip Technology, Inc

QFN

**SIO1049-JV**

Microchip Technology, Inc  
QFP

**SIO1007-JV**

Microchip Technology, Inc  
LQFP64

**SIO1000-JV**

Microchip Technology, Inc  
QFP

**SIO1028I-JZX-TR**

Microchip Technology, Inc  
QFN-64

**SIO1028I-JZX**

Microchip Technology, Inc  
QFN

**LAN7500-ABZJ**

Microchip Technology, Inc  
QFN56

**LE9540DUQC**

Microchip Technology, Inc  
QFN

**PM4358-NGI**

Microchip Technology, Inc  
BGA

**LPC47MI82-NW**

Microchip Technology, Inc  
QFP

**MI88L85AN**

Microchip Technology, Inc  
SSOP24

**LAN9514i-JZX**

Microchip Technology, Inc  
QFN64

**PM5377-FI**

Microchip Technology, Inc  
BGA