# SCH4304 ☆

## Super I/O Controller

Status: In Production

**View CAD Symbols**

**Features:**

- X-Bus interface
- 128-pin QFP package
- LPC interface with serial IRQ pin
- Floppy disk controller
- Multi-mode parallel port
- 8024 Keyboard controller

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## Device Overview

### Summary

The SCH5017 is a 3.3V Super I/O controller with an LPC interface. It also includes auto fan support, a real time clock, LED support, two full UARTs, and a multi-mode parallel port.

The product provides support for monitoring two external temperatures via thermal diode inputs and an internal sensor for measuring ambient temperature and allows for a two or three-piece linear fan function. This incorporates SMBus Backdoor Access to all registers, and supports up to three T03 sensor devices, and up to nine sensors, each of which can be assigned to any one or more of the three auto fan controls. The SMBus Slave Interface has a default I2C address 5ch for HWM registers and 6ch for RTC registers.

**Family parts**
SCH4304-NS

### Additional Features

- X-Bus interface
- 128-pin QFP package
- LPC interface with serial IRQ pin
- Floppy disk controller
- Multi-mode parallel port
- 8024 Keyboard controller
- Watchdog timer
- Security register
- Low battery warning
- ACPI support register for monitoring system sleep state
- XNOR chain
- PC2001 compliant
- ACPI 2.0 compliant

### Parametrics

| Name | Value |
| --- | --- |
| Fan Tachometer Inputs | 8 |
| 8024 Keyboard Controller | Y |
| PECI Support | N |
| GPIO | 51 |
| PWM | 3 |
| Package | 128 QFP |
| SMBus Interface | Y |
| Security Key Register | Y |
| AMD SB-TSI | N |

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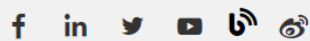| Overview | Documents | Development Environment | Similar Devices | RoHS Information | Add to Cart |
|---|---|---|---|---|---|

## RoHS Information

| Part Number | Device Weight (g) | Shipping Weight (Kg) | Lead Count | Package Type | Package Dimension | Solder Composition | JEDEC Indicator | RoHS | China EFUP |
|---|---|---|---|---|---|---|---|---|---|
| SCH4304-NS | 1.806400 | 6.803030 | 128 | QFP | 14x20x2.7 | Matte Tin | e3 | RoHS | |

To see a complete listing of RoHS data for this device, please Click here
Shipping Weight = Device Weight + Packing Material weight. Please contact sales office if device weight is not available.

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