


I/O Controller 128-Pin VTQFP Tray

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



Images are for reference only

[Inquiry](#)

General Description

The SCH3114 is a 3.3V (Super I/O Block is 5V tolerant) PC99/PC2001 compliant Super I/O controller with an LPC interface that also includes Hardware Monitoring capabilities, enhanced Security features, Power Control logic and Motherboard Glue logic. The system's hardware monitoring capability includes temperature, voltage and fan speed monitoring. The Motherboard Glue logic includes various power management and system logic including generation of nRSMRST, a programmable Clock output, and reset generation, which include a watchdog timer. SCH3114 incorporates complete legacy Super I/O, including a floppy disk controller with Microchip's true CMOS 765B core and enhanced digital data separator. True CMOS 765B core provides 100% compatibility with IBMPC/XTTM and PC/ATTM architectures and is software and register compatible with Microchip's proprietary 82077AA core. The family supports multiple low power-down modes, and the ISA Plug-and-Play Standard registerset (Version 1.0a).
Family parts SCH3114I-NUSCH3114-NU

Key Features

8042 Keyboard Controller

128 VTQFP Package

Legacy I/O

40 GPIO Pins

32 byte Security Key Register

μController Fan Control Engine

PCH (Platform Controller Hub) Temperature monitoring

Glue logic

3 PWM Outputs

3 fan tachometer inputs

IEEE 1284, EPP and ECP Compatible Parallel Port

One IrDA 1.0 Infrared Port

NS16550 compatible UART serial ports

Four 8-pin serial ports

Two 4-pin serial ports

ACPI 1.0/2.0 compatible



Recommended For You

SCH3114I-NU

Microchip Technology, Inc

TQFP128

SCH5617-NS

Microchip Technology, Inc

QFP128

SCH5017-NW

Microchip Technology, Inc

QFP-128

SCH5027E-NW

Microchip Technology, Inc
QFP

SCH5627P-NS

Microchip Technology, Inc
QFP

SCH3224I-SY

Microchip Technology, Inc
WFBGA-100

SCH3224-SY

Microchip Technology, Inc
WFBGA-100

SCH3106-NU

Microchip Technology, Inc
TQFP128

VSC3104XVP-01

Microchip Technology, Inc
BGA

SCH3224I-SY-TR

Microchip Technology, Inc
WFBGA

SCH3112-NU

Microchip Technology, Inc
QFP

VSC3108XVP-01

Microchip Technology, Inc
69BGA

SCH5147-NW

Microchip Technology, Inc
QFP

SCH3227I-SZ

Microchip Technology, Inc
WFBGA

SSC7150-ML-AB0-TR

Microchip Technology, Inc
28-VQFN