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SCH5147

Super I/O with Temperature Sensing, PECI Interface, Auto Fan Control and Glue Logic

[Overview](#)
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Features

- General Features
 - 3.3 Volt Operation (Most I/O Pins are 5 Volt Tolerant)
 - LPC Interface
 - PC99, PC2001 Compliant
 - ACPI 2.0 Compliant
 - Multiplexed Command, Address and Data Bus
 - Serial IRQ Interface Compatible with Serialized IRQ Support for PCI Systems
 - PME Interface
 - ISA Plug-and-Play Compatible Register Set
 - Programmable Wake-up Event (PME) Interface
 - System Management Interrupt (SMI)
 - 29 General Purpose Input/Output Pins
- PECI Interface
- AMD SB-TSI Interface
- AC Power Failure Recovery
- Watchdog Timer Capable to Pulse PWRGD Low and Change GPO Polarity
- 2.88MB Super I/O Floppy Disk Controller
- Enhanced Digital Data Separator
- Serial Port
- Multi-Mode™ Parallel Port with ChiProtect™
- Keyboard Controller
- Motherboard GLUE Logic
- Fan Control
 - LPC compliant interface for Hardware Monitoring
 - 3 PWM (Pulse width Modulation) Outputs with High Frequency PWM Support
 - 3 Fan Tachometer Inputs
- Temperature Monitor
- Processor Hot and Thermal Trip Support
- Voltage Monitor
- Intruder Detection Support
- 8 VID (Voltage Identification) Input/Output Pins
- VRD revision 10 or 11 Detection
- 128 Pin QFP (3.2mm) Lead-free RoHS Compliant Package

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