SMSC
SUCCESS BY DESIGN

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Smart Mixed-Signal Connectivity™

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MEC1308

Keyboard and Embedded Controller for Notebook PC

Overview | Ordering

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Mouser Electronics:
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Features

- 3.3V Operation with 5V Tolerant Buffers on PS/2 pins
- ACPI 1.0/2.0 PC99/PC2001 Compliant
- LPC Interface with Clock Run Support
- Internal 64K SRAM
- HOST/8051 SPI Memory Interface
- Two Power Planes
- ACPI Embedded Controller Interface
- Configuration Register Set Compatible with ISA Plug-and-Play Standard (Version 1.0a)
- High-Performance Embedded 8051 Keyboard and System Controller
- Accurate Fail-Safe Ring Oscillator
- Integrated Standby Power Reset Generator
- VCC0 Backed Resources
- Two 8584-Style I2C/SMBus Controllers
- Four independent Hardware Driven PS/2 Ports
- 48 General Purpose I/O Pins
- 7 General-Purpose Outputs
- Four Programmable Pulse-Width Modulator Outputs
- Consumer Infrared Receiver for Vista (CIRV)
- Dual Fan Tachometer Inputs
- Debug Port (UART)
- SMSC BC-Link Interconnection Bus
- General Purpose Analog to Digital Converter (GPADC)
- 128 Pin VTQFP Lead-free RoHS Compliant Package

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