Solving The Portable Puzzle

ESD PROTECTION

POINTING DEVICES

SEMTECH

A Semtech Company USAR

ACPI EMBEDDED CONTROLLERS

POWER REGULATORS

SEMTECH

Today's Results...Tomorrow's Vision

Toll Free: 1-888-798-3983 - www.semtech.com/pt/7/

EMBEDDED SOLUTIONS

SYSTEM MANAGEMENT

USAR ACPITroller™
- Zero-Power™ 8042 Human Input Device and ACPI Embedded Controller
- Offers SMBus/Smart Battery port, PS/2 ports and plenty of GPIO

HUMAN INPUT DEVICE MANAGEMENT

USAR PixiPoint™Z
- Advanced, "Click-to-Select" No-Drift™ pointing device controller IC for strain gauge "miniature joysticks" with Z-Axis functionality

USAR Juno™
- Single IC for RISC-based handhelds integrates keyboard scanning, pointing device control (pointing stick, touch pad or touch screen), superior power management and GPIO

USAR SPICoder™
- Zero-Power™ keyboard encoder and power management IC for RISC-based handhelds and other portable systems

USAR ScreenCoder™
- High-resolution, low-power PS/2 controller IC for resistive touch screens

ANALOG MIXED SIGNAL SOLUTIONS

POWER MANAGEMENT

SC1401
- Versatile synchronous power supply controller with LDO for I/O

SC1402
- Low-noise, dual synchronous power supply controller for 5V, 3.3V and 12V bus supplies

SC1405 and SC1406G
- Two-chip solution provides Intel Speed-Step™ compliant CPU core, I/O and clock power supplies.

SC1461
- Capless™ Charge Pump with built-in "switched capacitor," ideal for cellular phones, pagers, PDAs and PC cards

SC1464
- Highly efficient Charge Pump voltage doubler; offers programmable frequency to reduce noise and extend battery life

PROTECTION

STF701
- Real estate saving Transient Voltage Suppressor (TVS) protects 2 lines at 15kV and offers EMI/RFI filter

SMF05/12
- Small size TVS offers 4 lines of superior ESD protection for 5V and 12V data lines