A2636
3D3B USB+PS/2 Optical Mouse SOC

PRODUCT APPLICATIONS

- Crystal-less, low cost, high performance solution for USB+PS/2 optical mouse
- Microsoft Intellimouse and IBM PS/2 mouse compatible
- Fully support Windows Vista, XP, 2000, ME, 98 operating systems
- Minimum external components, low BOM cost
- Support double resolution for sensors
- Pin to pin compatible with A2633

PRODUCT FEATURES

- Optical navigation technology
- USB+PS/2 interface single chip solution
- Single 5V power supply
- Operating current 15mA or less
- Support 3D, 3-keys
- Microsoft Intellimouse compatible
- 800DPI/1600DPI resolution selectable through DPI key or fixed 800DPI or 1600DPI resolution
- USB-IF and WHQL compatible
- Plug and Play
- Support Windows Vista, XP, 2000, ME, 98 operating systems
- Support mechanical encoder for Z- axis
- Built-in de-bounce circuits
- Built-in power-on reset
- Built-in regulator
- Crystal-less
- Minimal external components
- Suspension function and wake-up feature to reduce power consumption
- ESD protected design $> \pm 2000V$
- Staggered DIP-12 green package