Synaptics®

TouchStyk
Product Brief

Overview

The Synaptics TouchStyk™ line of pointing sticks is used for interactive input, screen navigation, and cursor control, providing the desired user experience for demanding professionals.

A classic pointing stick element has been the requirement of commercial notebook users since the early days of notebook PCs.

On modern commercial notebooks, users demand dual pointing operations: a touchpad and a pointing stick in the same system for optimal pointing and navigation experience.

Applications

The TouchStyk is the ideal solution for designs that call for just a pointing stick or for systems requiring dual-pointing functions. The Synaptics TouchStyk provides system designers with a powerful, scalable pointing option to address a range of keyboard types: from standard-sized to the latest ultra-thin models, such as 2-in-1 laptops. Synaptics TouchStyk and TouchPad™ solutions can be implemented together inside commercial-grade notebook PCs to deliver maximum flexibility and productivity: a pointing stick and a touchpad.

Beyond notebook PC applications, the classic TouchStyk button can be easily integrated into a range of computing and communications devices such as tablet covers, remote controls, and wearable electronics.

Features and Benefits

High-Performance Sensor
Synaptics' TouchStyk Module provides accurate pointing and navigation experiences.

Easy System Integration
Integrating a pointing stick in a keyboard is very easy with Synaptics TouchStyk modules because it requires fewer components and is on a self-contained, compact module that is implemented under the keyboard.

Best Value
Synaptics TouchStyk provides a great value solution for dual pointing notebook configurations as well as stand-alone pointing stick devices because it requires fewer components than other pointing stick designs.

Usability and Ergonomics
TouchStyk hardware and software are developed and tuned to provide the best user experience compared to other pointing sticks on the market.

Low Cursor Drift
Low susceptibility to electromagnetic interference, means greater pointing accuracy and less cursor drift.

Advanced Features
Through the Synaptics device driver software, end users can access a variety of features including: Press-to-select, cursor speed control, and sensitivity.

Proven Technology
With over a decade of experience in designing and testing solutions, Synaptics has an unprecedented track record of getting devices to market. Synaptics' trusted capacitive touch sensing technology is used in over one billion devices.