New Haptic Experience

Haptic Touch Panel for Tablets

Customer Benefits

- Our new technology can simulate 3D geometric features (such as bumps, ridges, edges, protrusions, etc.) on touch screen surfaces. For example:

  - Turn a combination lock
  - Feel a sandy texture
  - Play the strings of an instrument

- We can provide a totally new experience of a smooth feeling when touching the touch panel, in accordance with the principles of the sticky-band illusion and squeeze film effect via ultrasonic vibration;

- The underlying hypothesis is that when a finger slides on an object, minute surface variations are sensed by friction-sensitive mechanoreceptors in the skin, thereby modulating the friction forces between the fingertip and the touch surface, which creates an illusion of surface variations.

This leaflet has been translated from a Japanese local version. Some content referenced is for Japan only. If you need further information, please contact the sales representative in your region. http://www.fujitsu.com/global/