

iBH534 - Enabling Machines to Respond to Human Operations through Tactile Sensation – iBH/iBHM

Feel the Machine's Response



Through sound and imagery, humans have achieved interaction with machines or computer systems. Now that touch has become a method of issuing commands, its control has become more sensitive. However, this sensitivity sometimes needs to be restrained to ensure safer and more reasonable successful operations. For instance, we do not want a "hair-trigger" response that could lead to accidents due to careless or inadvertent touches, nor do we wish to be left in a predicament where we cannot discern whether a touch has failed due to a lack of response. Haptic feedback communicates the system's response to the operator by transmitting vibrations to the fingers upon touch. This is an intriguing and irreplaceably effective HMI mode. The haptic core of iBH can activate iBHM with various and customizable waveforms to provide feedback to the user.

Specifications and Features:

- GUI allows customization of multiple vibration waveforms (adjustable vibration intensity)
- Real-time waveform response
- Applicable to various types of buttons or small to medium-sized touch screens (<21")
- USB/I2C connection to backend computers
- Compatible with Windows/Linux operating systems
- High-quality yet affordable

Reference to related products

- **iBH534**
- **iBHMQ632000D**
- **iBHMQ401000D**