

PCAP Touch Technology Ensures Durable, Stable, and Lightweight Operation for Home Appliances

Stylish, Modern, Safe, and Durable



To keep consumers engaged, home appliances need constant innovation in functionality, design, and user interaction, creating new usage scenarios. iBLab's comprehensive HMI solutions for home appliances offer unprecedented creative design possibilities. For example, when direct button operation is inconvenient, the iBG module enables touch-free gesture control. Leveraging PCAP technology, iBLab utilizes its core chips and modules to deliver **HAPTICS FEEDBACK**, confirming command execution, and **pressure-sensitive touch** for multi-function selection. This enables touch-free gesture control, enhancing both safety and ease of use. iBLab's waterproof design ensures reliable operation even in environments where liquid spills are likely. iBLab's solutions can be adapted to various home appliances, accommodating different designs, mechanical structures, and electrical interfaces.

Features :

- **Light and Thin PCAP Touch**
- **Advanced Waterproof Mechanism** to prevent accidental triggers from water splashes
- **Optional HAPTICS FEEDBACK**
- **Optional Pressure-Sensitive Activation**
- **Optional Touch-Free Gesture Design**
- **Customizable to Match Aesthetic Materials**
- **Premium Quality at an Affordable Price**

Please refer to the relevant module specifications :

※ iBT CONTROL BOARD :
The entire series is
compatible.

※ iBH HAPTICS
iBH534
iBHM672100D
iBHM401000D
iBG GESTURE

※ iBG GESTURE
iBG535E22
iBGS241201
※ iBF2502