

Our Unique Brand of Haptics Makes Your Brand Stand Out



TouchSense® Lite Haptic Enabling Kit

Immersion® Haptics Comes to Cost-Sensitive Mobile Devices

GREAT HAPTIC PERFORMANCE WITHOUT THE COMPLEXITY OF SYSTEM-LEVEL INTEGRATION

TouchSense Lite Haptic Enabling Kit (HEK) brings Immersion's world-class technology to a new class of mobile devices. Our haptic experts have spent thousands of hours developing use cases and tuning haptic effects to work with a wide variety of hardware configurations. So all you need to do is select your actuator type, and then choose which pre-defined haptic expression you want to integrate into your device apps and UI elements.

Reduce your haptic development time from weeks to just hours. With TouchSense Lite, you're able to begin haptic design in the morning and start testing before noon. Haptics integration has never been easier, or more cost efficient.

You get the consistent performance you've come to expect from the TouchSense brand, without the complexity of system-level integration. TouchSense Lite is the perfect solution for adding haptic effects to mobile apps and user interfaces in low to mid-tier devices with standard-definition (SD) actuators.



**TouchSense®
Lite**

Easy-to-integrate,
application-level
haptic solution.



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TOUCHSENSE HIGH VALUE USE CASES

Cameras, keyboards, ringtones, and so on—there are dozens of ways to enhance your UI/UX with tactile effects. TouchSense Lite includes multiple haptic effect banks that have been targeted by our experts for the most common hardware configurations, including Bar ERM, Coin ERM, and LRA. Simply select the effect bank(s) appropriate for your device from the options below.



CAMERA

- Focus
- Zoom
- Shutter
- Straight Shot
- Video Recorder
- Timed Shutter



KEYBOARD

- Lowercase key
- Uppercase key
- Shift key
- Spacebar key
- Delete key
- Delete repeat
- Long press



SYSTEM & UI

- Virtual Keys
- Soft Keys
- Recent Button
- Lock Screen
- Number Picker
- Home Screen



DIALER

- Key finger down
- Key finger up
- Call connect
- Call disconnect



NOTIFICATIONS

- Alerts
- Silent Notification
- Ringtone Effects



WEATHER

- Rain
- Thunderstorm
- Windy



TIMER

- Timer end
- Timer count



COMPASS

- Pointing north

COMPONENTS

- **TouchSense® Lite software:** Application-level haptic solution to facilitate actuator control and integration of haptics.
- **High-value use cases (HVUC):** User-validated use cases with 100+ built-in haptic effect banks for the most common ERM and LRA actuators on the market.
- **Haptics effect preview app:** Quickly preview TouchSense Lite haptic experiences across most relevant use cases before implementing it in your device.
- **UX and SW integration guidelines:** Software integration tools and guidelines, along with UX haptic effect selection guides.

BENEFITS

- **Easy to use:** Gives you access to a wide range of haptic experiences—simplified through documented UX guidelines and predefined tactile effects—built on Immersion's expertise in use cases and best practices.
- **Easy to integrate and upgrade:** Provides an easy-to-integrate app-level haptic solution that can later be upgraded to TS Premium without requiring app-level code changes.
- **Cross-SKU consistency:** Delivers consistent haptic performance across models and hardware configurations without device-specific tuning.
- **Cloud-based license management:** Streamlines license management to make evaluation, deployment, and updates easy.

SPECIFICATIONS

- **OS compatibility:** Android 4.4 and above
- **Architecture:** ARM and x86 architecture
- **Actuator support:** LRA and ERM

TouchSense® Lite is available as a licensed software. Contact us at touch@immersion.com to learn more about integrating our world-class haptic technology into your mobile experience.