Renesas Capacitive Touch Demo Kits from Commotech are developed using three Renesas MCUs RL78/G23, RX140, RA2E1 integrating on-chip cap touch controller. Evaluation of touch detection and haptic feedback (touch-key, slider, touchpad) is available. This solution is designed for early development and functional evaluation.

### Solution Summary

- RL78/G23 – touch-key detection
- RX140 – slider detection
- RA2E1 – touchpad detection
- Command via I2C bus to control Main Cap Touch Solution Board LED
- Haptic feedback
- Bluetooth Low Energy communication

### Target Markets and Applications

- Industrial Controls
- Smart Home/ IoT
- Home Appliances
- Medical Devices
- Consumer Electronics

**CAP TOUCH solutions - 晶偉電子 Commotech**
For recent years, Commotech has been focused on improving LED dimming control technical supporting scheme, and provides from development to mass production service to famous customers on gaming PC, MB, VGA, fan, CAP Touch, BLE and related peripherals. Commotech's solution integrates LED control MCU with PC GUI software and OBM's certification which can help customers to provide end products time to market.

In addition, Commotech cooperated with customers to develop multi-pack Li-ion battery charger with significant sales result, if there is a requirement for low power component, Commotech can also be your choice.

**Contact-Renesas**

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