

Hand Gesture Recognition for Automotive Applications

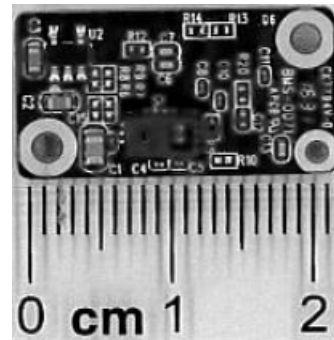


■ Introduction

H.P.B. Hand Gesture Recognition module is using a highly integrated hardware gesture engine and an infrared camera to detect user's gestures and trigger different interactions in vehicle, such as accepting or rejecting phone calls, raising or lowering the volume or waving hand to end phone calls. H.P.B. has improved sensor sensitivity and with the built-in hardware module, H.P.B. Hand Gesture Recognition can be easily applied to vehicle infotainment system without further algorithm or software efforts.

■ Key Features

- Support 4 gestures or more
- Detection distance 10-20 cm
- Sunlight immunity
- Capable of dark operation
- Built-in hardware engine
- Low software computing power



■ Key Specification

- Power Supply: DC 5V
- Embedded Lens, IR-LED, IR sensor
- Dimension: 22 (L)x12 (W)mm
- Interface: I²C , UART/USB2.0
- FOV: (H) 42 °; (V) 42°
- Operation Temp.: -40 °C ~+85 °C

