

XinaBox Datasheet SL06 - Gesture



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Overview

This xCHIP features advanced Gesture detection, Proximity detection, Digital Ambient Light Sense (ALS) and Color Sense (RGBC).

Product Highlights

- I2C data rates up to 400 kHz

Applications

- Gesture Detection
- Color Sense
- Ambient Light Sensing
- Mechanical Switch Replacement

Specifications

- Ambient Light and RGB Color Sensing
- Proximity Sensing
- Complex Gesture Sensing
- I2C-bus Fast Mode Compatible Interface:
 - Data Rates up to 400 kHz

External Links

Datasheets

- APDS-9960 From Avago Technologies (<https://docs.broadcom.com/docs/AV02-4191EN>)

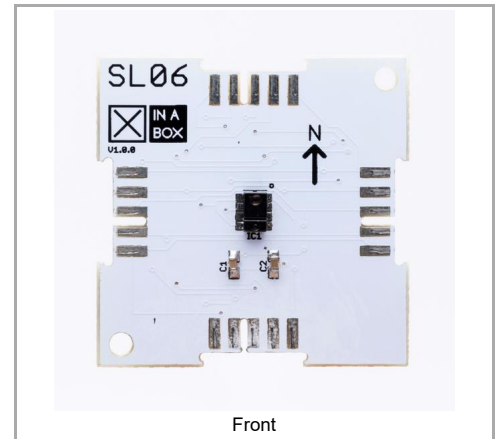
Shop

- Buy SL06 (<https://xinabox.cc/products/SL06>)

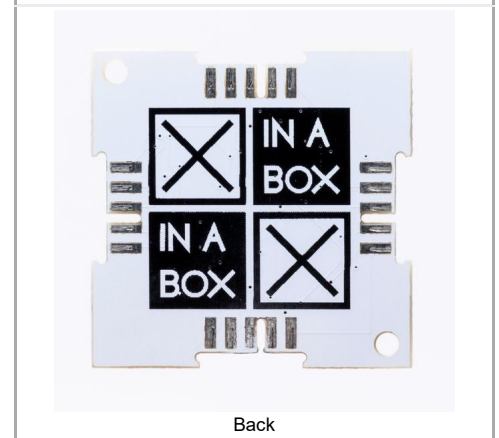
GitHub

- SL06 on GitHub (<https://github.com/xinabox/xSL06>)

SL06 - Gesture (APDS-9960)



Front



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✘CHIP

Main Category	Sensor
Sub Category	Gesture
Introduced	1 January 2017
Current version	1.0.0
Current version date	1 January 2017
Dimensions	
Size	2x2U (32x32mm)
Weight	2.8 g
Height	3/0/0 mm
Main Chip Set	
Main Chip	APDS-9960
I²C Speed	400 kHz