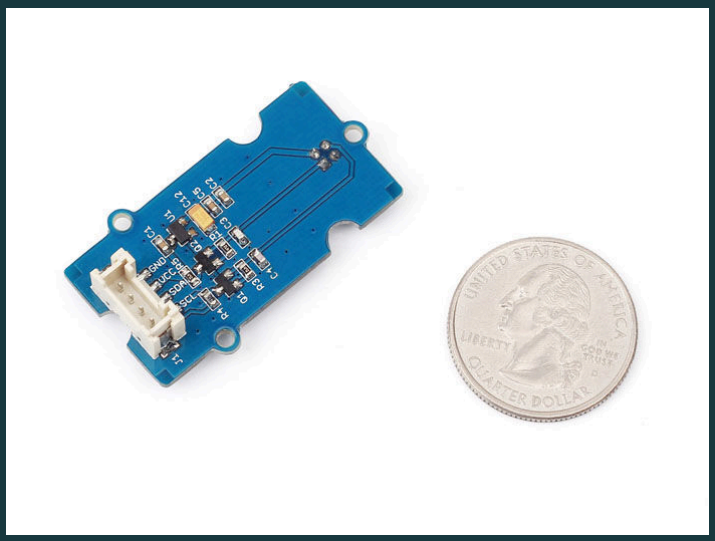
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INDUSTRIAL PRODUCT DATASHEET

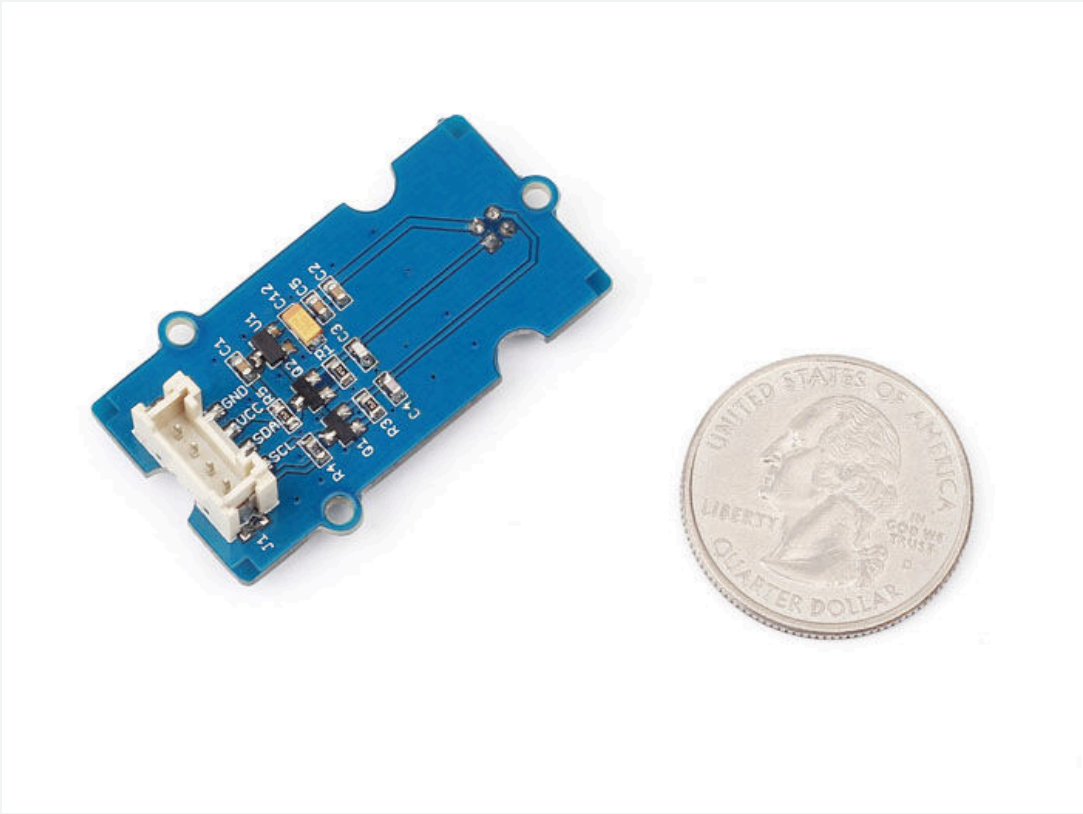
Grove - MLX90615 Digital Infrared Temperature Sensor

The Digital Infrared temperature sensor is a non-contact temperature measurement module which bases on MLX90615.

SKU	UPDATED	PRICE
101020077	2026-11-11 07:25:31	$6.90(Excl. VAT)



Overview



The Digital Infrared temperature sensor is a non-contact temperature measurement module which bases on MLX90615. Both the IR-sensitive thermopile detector chip and the signal conditioning chip are integrated into the same package.

Key Features

01 **Wide Temperature Detecting Range**

-40 to 85°C for sensor temperature and -40 to 115°C for object temperature

02 **Accurate Temperature Measurement**

High accuracy of 1°C over a wide temperature

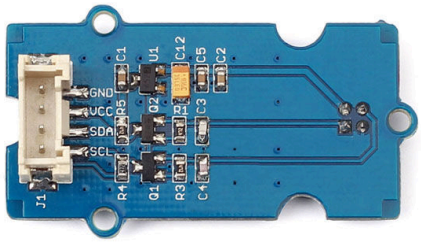
03 **SMBus compatible digital interface**

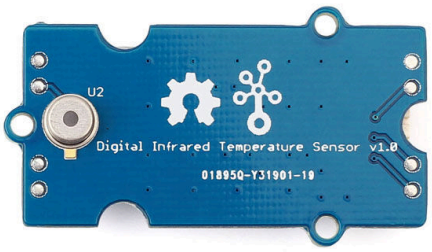
This module communicates with Arduino using SMBus

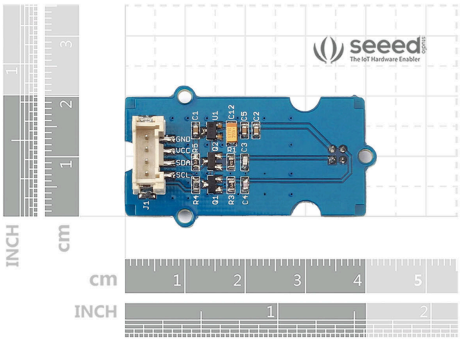
04 **Grove compatible interface**

The product ensures "Plug and Play" and could be versatile for various applications of Grove

Product Gallery







Resource Links

- https://www.seeedstudio.com/Grove-Digital-Infrared-Temperature-Sensor.html
- Grove Digital Infrared Temperature Sensor v1.0 eagle file.zip
- MLX90615.pdf
- Demo Code

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