

Manufacturers	<a href="#">Infineon Technologies Corporation</a>
Package/Case	DIP-4
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SFH611A-3 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

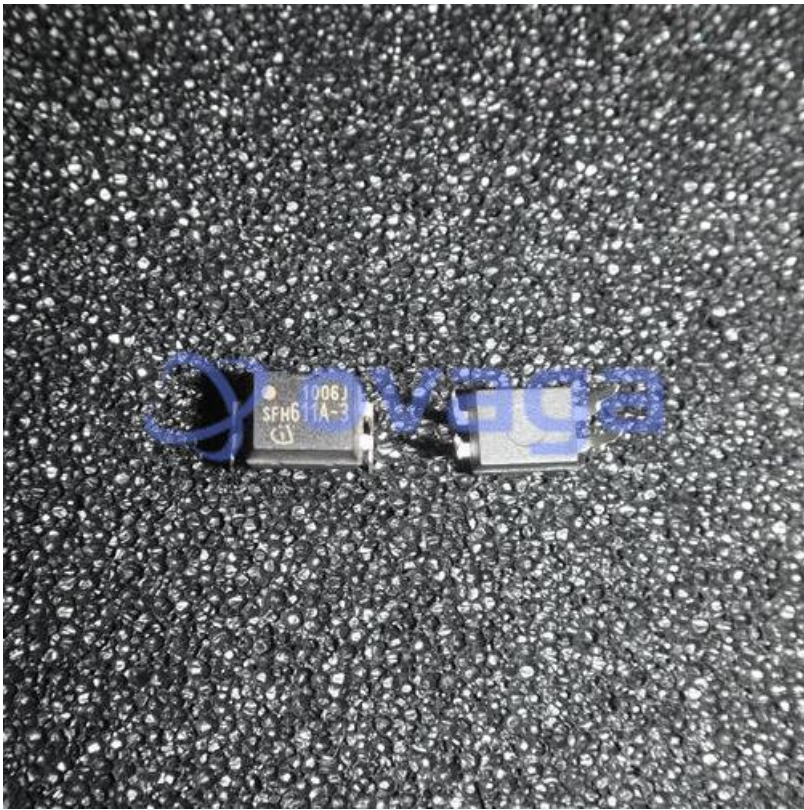
SFH611A-3 is a semiconductor device, specifically an optocoupler or optoisolator, which consists of an infrared light-emitting diode (LED) and a phototransistor in a single package. Optocouplers are used to isolate electrical signals between two circuits while allowing them to communicate with each other optically.

## Features

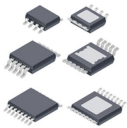
- High isolation voltage of 5.3 kV RMS
- High current transfer ratio (CTR) of 100-300%
- Low input current of 5 mA
- Low output saturation voltage of 0.1 V
- Operating temperature range of -55°C to +100°C

## Application

- Isolation and signal transmission in power supplies
- Signal isolation in industrial automation
- Isolation in motor control circuits
- Audio signal isolation in high-fidelity equipment
- Logic ground isolation



## Related Products



### [BTSS0040-2SFA](#)

Infineon Technologies Corporation  
SOIC-36



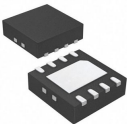
### [BTSS5481SF](#)

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SSOP36



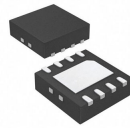
### [SFH551/1V](#)

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DIP-5



### [BSC430N25NSFDATMA1](#)

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PG-TSON-8



### [BSC13DN30NSFDATMA1](#)

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PG-TDSON-8



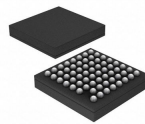
### [SFH551V](#)

Infineon Technologies Corporation  
DIP5



### [CY14B256P-SFXI](#)

Infineon Technologies Corporation  
PG-DSO-16



### [S25FS512SFABHA210](#)

Infineon Technologies Corporation  
PG-TFBGA-24