

HIGH ISOLATION VOLTAGE AC INPUT RESPONSE TYPE SOP PHOTOCOUPLER

Manufacturers	Renesas Technology Corp
Package/Case	SOP16
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for PS2805-4-F3 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

PS2805-4-F3 is a four-channel high isolation voltage optocoupler manufactured by Renesas Electronics. It is designed to provide electrical isolation and signal amplification between two circuits by utilizing an LED and a photodetector.

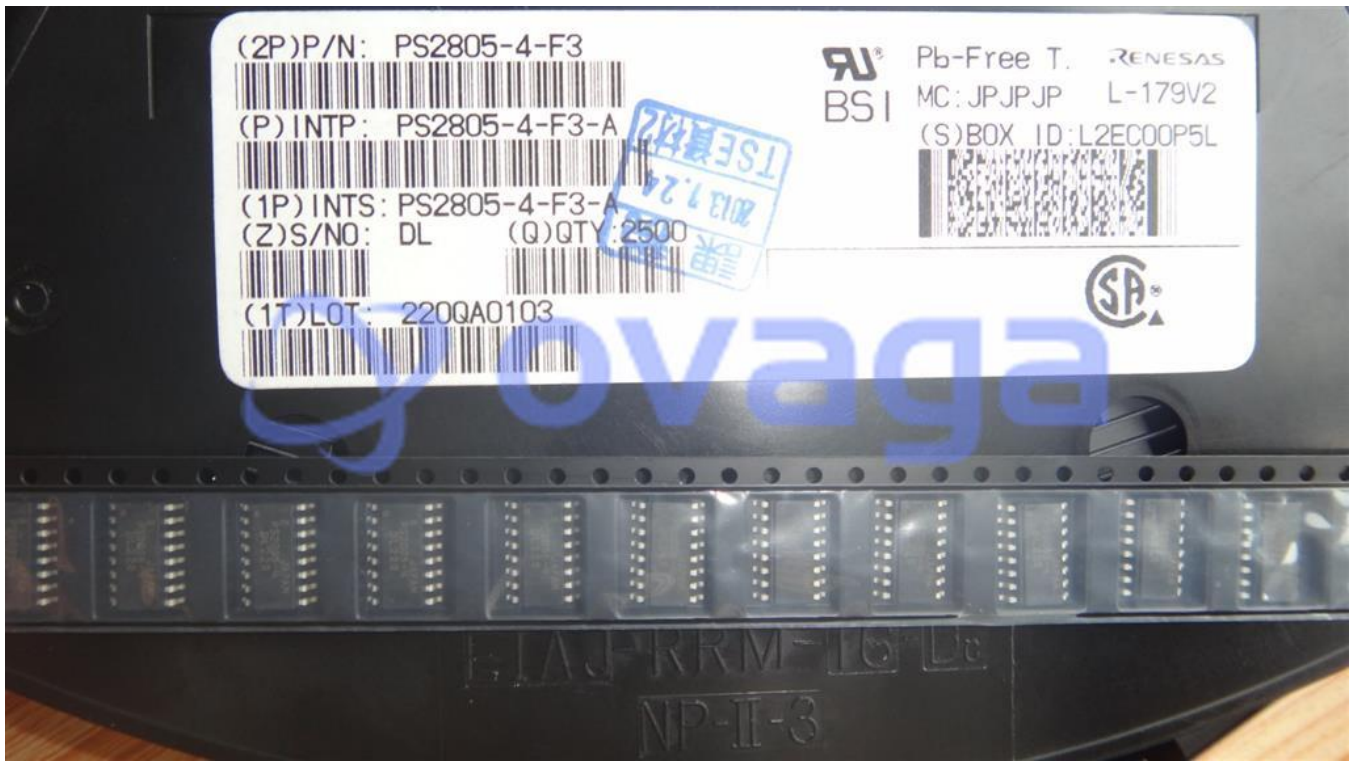
Features

- High isolation voltage: 2,500 Vrms
- Compact and thin package (SO-16)
- Low power consumption
- Four channels in one package
- High-speed response time: 5 μ s (typical)
- Wide operating temperature range: -40°C to 100°C

Application

- Industrial control systems
- Programmable logic controllers (PLCs)
- Servo amplifiers
- Digital isolation for A/D and D/A conversion circuits
- Hybrid IC modules
- Medical equipment
- Power supply systems
- Telecommunication equipment



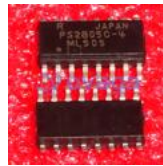


Related Products



[PS9513](#)

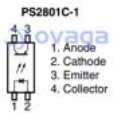
Renesas Technology Corp
SOP-8



[PS2805C-4](#)

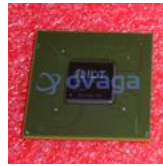
Renesas Technology Corp
SOP16

PIN CONNECTION
(Top View)



[PS2801C-1](#)

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SOP4



[80HCPS1848CHMGI](#)

Renesas Technology Corp
784-BBGA, FCBGA



[PS9587](#)

Renesas Technology Corp
DIP8



[PS9117](#)

Renesas Technology Corp
SOP-5



[PS7241E-1A](#)

Renesas Technology Corp
SOP4



[PS2801C-1-F3](#)

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SOP4