

# NEC

**Safety Standard Certificate for Photocoupler**

**PS2561A/AL/AL1/AL2-1, PS2581AL1/AL2  
PS2561A/AL/AL1/AL2-1, PS2581AL1/AL2  
(Made in Taiwan)**



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● **CSA Certificate**

Certificate No. 1382701(CA 101391)

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A handwritten signature in black ink, appearing to read 'H. Takahashi', written over a horizontal line.

H.TAKAHASHI

Group Manager  
Optical Device Sales Engineering Group  
Compound Semiconductor Devices Division  
NEC Electronics Corporation

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**February 24, 2009**



# Certificate of Compliance

**Certificate:** 1382701 (CA101391)

**Master Contract:** 191330

**Project:** 2088234

**Date Issued:** 2008/11/05

**Issued to:** NEC Electronics Corporation  
Compound Semiconductor Devices  
Division  
1753 Shimonumabe, Nakahara-ku,  
Kawasaki-shi, Kanagawa, 211-8668  
Japan  
Attention: Mr. Kiyoshi Fukushima

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicator ▲*



**Issued by:** Martin Buchanan, P. Eng.

**Authorized by:** George Tranquada, C.E.T.  
Product Group Manager

## **PRODUCTS**

**CLASS 9073 30 - ELECTRONIC COMPONENTS - Optoisolators**

Opto-isolators,

Types PS2561A-1, PS2561AL-1, PS2561AL1-1, PS2561AL2-1, PS2581AL1 and PS2581AL2.

Isolation voltage: 5kV ac rms Maximum forward input current: 30mA.(at Ta=25C)

Maximum operating temperature: +100°C Maximum on-state output current: 30mA.(at Ta=25C)



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Distance Through Insulation: 0.4mm

Clearance and Creepage: Min.7mm (for PS2561A-1, PS2561AL-1, PS2561AL1-1, PS2561AL2-1) or Min.8mm (for PS2581AL1 and PS2581AL2)

Notes:

1. The above components are investigated for use only as components in electronic equipment where the suitability of the combination is determined by the CSA International.
2. As marking of the type designation, "PS" may not be marked on the component body.
3. The above components are suitable only for the reinforced insulation at 300Vrms.(for PS2561A Series: PS2561A-1, PS2561AL-1, PS2561AL1-1, PS2561AL2-1) or 400Vrms.(for PS2581A Series: PS2581AL1, PS2581AL2) between input and output terminals of the CSA Std.No.60950-1-03.

**APPLICABLE REQUIREMENTS**

CSA Component Acceptance Service Notice No. 5A - Announcement of Extension of the Component Acceptance Service for Optocouplers and Related Devices.

CAN/CSA-C22.2 No. 60950-1-07 - Information Technology Equipment - Safety - Part 1: General Requirements (Bi-national Standard, with UL 60950-1)



## PROFILE OF REPORTS

File No:101391\_0\_000

Master Contract No. 191330

Submittor:

(Contact ID: 4636143)  
NEC Electronics Corporation  
Compound Semiconductor Devices Division  
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Date: November 5, 2008

Replaces: October 16, 2008

Main File: Vancouver

Factories

MASTER

Contact No.	Name & Address	Inspection Office:	File No./Factory Contract No.
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