

NEC

Safety Standard Certificate for Photocoupler

PS2532, PS2533, PS2535



● BSi Certificate

Standard BS EN 60065, IEC 60065
 BS EN 60950, IEC 60950

Certificate No. 8221
 8222

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

H.TAKAHASHI

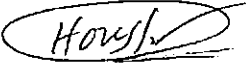
Group Manager
Optical Device Sales Engineering Group
Compound Semiconductor Devices Division
NEC Electronics Corporation

November 20, 2008

Test Certificate

Electronic components



Certificate No	8221
This is to certify that	Optocoupler series as listed in the schedule to this certificate
Submitted by	NEC Electronics Corporation Compound Semiconductor Devices Division 1753 Shimonumabe Nakahara-ku Kawasaki-shi Kanagawa 211-8668 Japan
	have been tested by BSI in accordance with PS082 and Test Leaflet 5 to BS EN 60065:2002 and IEC 60065:2001 with Amendment No 1 Sub-clauses 13.6, 14.11 and 20.1.4
	Details of the scope of the testing are given in BSI Report No 245/000511 and any addenda thereto.
Signed	
Issue date	16 December 2007
Expiry date	15 December 2009
	Attention is drawn to the conditions under which this certificate is issued, namely:
	1. The general conditions relating to acceptance of testing (PS082) and the specific conditions (Test Leaflet No TL5 or TL22 as stated above) apply in all respects.
	2. This certificate may not be published except in full including any schedule unless permission for the publication of an approved extract has been obtained in writing from the Managing Director of BSI Product Services.
	3. This certificate is valid until the expiry date shown above. It shall then be considered cancelled and withdrawn and shall not be used in any way whatsoever.
	4. If BSI is satisfied that the manufacturer is marketing what is purporting to be the same model of component but which has been altered or modified or is in any material aspect different from the item tested or is satisfied in respect of evidence discovered by or submitted to it that components purported to be identical to that originally certified are no longer meeting any part of the requirements of the original examination and tests then the certificate will be immediately withdrawn and shall not be used in any way whatsoever.

Schedule to Test Certificate No 8221
Schedule issue date 23 July 2008
Test Certificate expiry date 15 December 2009



Optocoupler series: PS2532*#
PS2533*#
PS2535*#

rated as below:

- | | |
|--|---------------------|
| 1. Insulation system: | Reinforced |
| 2. Mains supply voltage: | ≤ 250 V r.m.s. |
| 3. Operating voltage: | ≤ 300 V r.m.s. |
| 4. Peak operating voltage: | 420 V |
| 5. Pollution degree: | 2 |
| 6. Flammability classification rating: | V-0 |
| 7. Maximum operating temperature: | 100 °C |

This schedule must be read in conjunction with the test certificate identified above and may not be published except in full including the certificate.

Test Certificate

Electronic components



Certificate No 8222

This is to certify that Optocoupler series as listed in the schedule to this certificate

Submitted by NEC Electronics Corporation
Compound Semiconductor Devices Division
1753 Shimonumabe
Nakahara-ku
Kawasaki-shi
Kanagawa 211-8668
Japan

have been tested by BSI in accordance with PS082 and Test Leaflet 5 to BS EN 60950-1:2006 and IEC 60950-1:2005 Sub-clauses 2.9.1, 2.10.1, 2.10.5.2, 2.10.5.3, 2.10.5.4, 2.10.9, 2.10.11, 4.7.3.4 (Clause A.2.7) and 5.2.2

Details of the scope of the testing are given in BSI Report No 245/000511 and any addenda thereto.

Signed

A handwritten signature in black ink, enclosed in a hand-drawn oval.

Issue date 16 December 2007

Expiry date 15 December 2009

Attention is drawn to the conditions under which this certificate is issued, namely:

1. The general conditions relating to acceptance of testing (PS082) and the specific conditions (Test Leaflet No TL5 or TL22 as stated above) apply in all respects.
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Schedule to Test Certificate No 8222
Schedule issue date 23 July 2008
Test Certificate expiry date 15 December 2009

Optocoupler series: PS2532*#
PS2533*#
PS2535*#

rated as below:

- | | |
|---------------------------------------|---------------------|
| 1. Insulation system: | Reinforced |
| 2. Mains supply voltage: | ≤ 300 V r.m.s. |
| 3. Working voltage: | ≤ 300 V r.m.s. |
| 4. Peak working voltage: | 420 V |
| 5. Overvoltage category: | II |
| 6. Pollution degree: | 2 |
| 7. Sub-clause 4.7.3.4 (Clause A.2.7): | Pass |
| 8. Maximum operating temperature: | 100 °C |

This schedule must be read in conjunction with the test certificate identified above and may not be published except in full including the certificate.