

NEC

Safety Standard Certificate for Photocoupler

PS2581L1/L2,PS2581AL1/AL2
PS2581L1/L2,PS2581AL1/AL2(Made in Taiwan)



● **BSi Certificate**

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

Certificate No. 8243
 8244

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

April 18, 2008

Test Certificate

Electronic components

Certificate No 8243

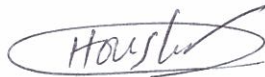
This is to certify that Optocoupler types as listed in the schedule to this certificate

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 245/000676 and any addenda thereto.

Signed



Issue date 10 March 2008

Expiry date 9 March 2010

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 This certificate may not be published except in full including any schedule unless permission for the publication of an approved extract has been obtained in writing from the Managing Director of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 It shall then be considered cancelled and withdrawn and shall not be used in any way whatsoever.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meeting any part of the requirements of the original examination and tests then the certificate will be immediately withdrawn and shall not be used in any way whatsoever.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 8243
Schedule issue date 10 March 2008
Test Certificate expiry date 9 March 2010

Optocoupler types:

PS2581L1, PS2581L2, PS2581AL1, PS2581AL2 rated as below.

1. Insulation system:	Reinforced
2. Mains supply voltage:	≤ 250 V r.m.s.
3. Operating voltage:	400 V r.m.s.
4. Peak operating voltage:	1400 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 8244


This is to certify that Optocoupler types 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 245/000646 and any addenda thereto.

Signed



Issue date 10 March 2008

Expiry date 9 March 2010

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 8244
Schedule issue date 10 March 2008
Test Certificate expiry date 9 March 2010

Optocoupler types:

PS2581L1, PS2581L2, PS2581AL1, PS2581AL2 rated as below.

1. Insulation system:	Reinforced
2. Mains supply voltage:	≤ 400 V r.m.s.
3. Working voltage:	400 V r.m.s.
4. Peak working voltage:	1400 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.