

Optocoupler

Test Certificate

Electronic components



Certificate No 7798

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

Submitted by Vishay Semiconductor GmbH
Theresienstraße 2
74072 Heilbronn
Germany

have been tested by BSI in accordance with PS082
and Test Leaflet 5 to BS EN 60950-1:2002 and IEC 60950-1: 2001
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), 5.2.2

Details of the scope of the testing are given in
BSI Report No CP001686 and any addenda thereto

Signed 

Issue date 16 March 2009

Expiry date 15 March 2011

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 This certificate may not be published except in full including any schedule unless permission for the publication of an approved extract has been obtained in writing from the Managing Director of Testing 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 It shall then be considered cancelled and withdrawn and shall not be used in any way whatsoever.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 purporting 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meeting any part of the requirements of the original examination and tests then the certificate will be immediately withdrawn and shall not be used in any way whatsoever.

Prepared by: BSI Maylands Avenue Hemel Hempstead Hertfordshire HP2 4SQ



Schedule to Test Certificate No 7798
Schedule issue date 16 March 2009
Test Certificate expiry date 15 March 2011



Optocoupler types SFH6*^X-#.... using 'over-under' construction (bi-plane)

Using leadframe types 1001-9130-4AC or 1001-9212-1AC

SFH1617A-1	SFH1617A-2	SFH1617A-3	SFH1617A-4	SFH612A	SFH614A
SFH6156-1	SFH6156-2	SFH6156-3	SFH6156-4	SFH615A-1	SFH615A-2
SFH615A-3	SFH615A-4	SFH615AA	SFH615ABL	SFH615ABM	SFH615AGB
SFH615AGR	SFH615AY	SFH617A-1	SFH617A-2	SFH617A-3	SFH617A-4
SFH6186-1	SFH6186-2	SFH6186-3	SFH6186-4	SFH6186-5	SFH618A-1
SFH618A-2	SFH618A-3	SFH618A-4	SFH618A-5	SFH619A	SFH655A

Using leadframe types 1001-9130-4BC or 1001-9212-1BC

SFH6106-1	SFH6106-2	SFH6106-3	SFH6106-4	SFH6106-5	SFH610A-1
SFH610A-2	SFH610A-3	SFH610A-4			

Using leadframe types 1001-9130-4EC or 1001-9212-1EC

SFH6206-1	SFH6206-2	SFH6206-3	SFH620A-2	SFH620A-3	SFH620AA
SFH620AGB	SFH6286-2	SFH6286-3	SFH6286-4	SFH628A-2	SFH628A-3
SFH628A-4					

1. Insulation system:	Functional or Basic or Supplementary
2. Mains supply voltage:	≤ 600 V r.m.s.
3. Working voltage:	≤ 600 V r.m.s.
4. Peak working voltage:	640 V
5. Pollution degree:	2
6. Flammability Sub-clause 4.7.3.4 (Clause A.2.7):	Pass
7. Maximum operating temperature:	100 °C 110 °C (SFH1617-# series only)

1. Insulation system:	Reinforced
2. Mains supply voltage:	≤ 300 V r.m.s. (for standard lead form) ≤ 400 V r.m.s. (for options 6, 7, 8 and 9)
3. Working voltage:	≤ 300 V r.m.s. (for standard lead form) ≤ 400 V r.m.s. (for options 6, 7, 8 and 9)
4. Peak working voltage:	640 V
5. Pollution degree:	2
6. Flammability Sub-clause 4.7.3.4 (Clause A.2.7):	Pass
7. Maximum operating temperature:	100 °C 110 °C (SFH1617-# series only)

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

Prepared by: BSI, Maylands Avenue, Hemel Hempstead, Hertfordshire, HP2 4SQ