

CERTIFICATE NCS/FI 23507



Our Ref. 247242-1

Product Optocoupler
Type 4N..., CNY17-..., H11..., TIL1..., MC..., SL..., MOC..., SOC...
Trade mark F
QTC
Certificate Holder / Manufacturer Fairchild Semiconductor
3001 Orchard Parkway San Jose
CA 95134, UNITED STATES
Technical information May bridge basic, supplementary or reinforced insulation (OVC II, ≤ 250 Vrms, ≤ 420 Vpeak, PD2)
Other information See the Appendix
The product is certified according to the following standard(s) EN 60950-1:2006

Validity This certificate is valid until 19 July 2012 unless the standard in question has been amended or superseded with significant changes in requirements, in which case, SGS Fimko has the right to shorten the validity of the certificate based on the legislation of the European Union. This certificate includes the right to use the FI and SGS FI marks under the condition that changes (if any) will be checked at SGS Fimko before the product is brought onto market and that the conditions for FI certification are met.

Date of issue 19 July 2007

Signature

Tom Törn
Director, Certification Services

This certificate has 1 appendix



This certificate is issued under SGS Fimko general terms of delivery (available on request and accessible at www.fi.sgs.com). The issuance of this certificate does not exonerate buyers or sellers from exercising all their rights and discharging all their liabilities under the Contract of Sale. Stipulations to the contrary are not binding on SGS Fimko. SGS Fimko's responsibility under this certificate is limited to proven negligence and will in no case be more than the amount of the fees or commission. Except by special arrangement, samples, if drawn, will not be retained by SGS Fimko for more than three months.

Any unauthorized alteration, forgery or falsification of the content or appearance of this certificate is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Fimko Ltd.

Särkiniementie 3 P.O.Box 30 FI-00211 Helsinki, Finland
t. +358 9 696 361 f. +358 9 692 5474 www.fi.sgs.com

Business ID 0978538-5

Member of the SGS Group (SGS SA)

graphic design atelier rapier plumb printed by arell fiacchi security printing ltd switzerland

Manufacturing site	Lite-On Electronics (Thailand) Co., Ltd 38/4 Moo 1, Rangsit-Ongkarak Road Bungyeetoh, Thanyaburi PHATHUMTHANI 12130, THAILAND
Additional information	<p>External creepage distance between input and output : >8mm Distance through insulation : ≥0.5mm Humidity test : 48 h in 30 °C / 93 %rH. Electric strength test 4800 V/1 min. Internal creepage distance not measured, tests according to cl. 2.10.12 have been performed with positive result.</p> <p>Models included in this certificate:</p> <p>4N...: 4N25, 4N26, 4N27, 4N28, 4N35, 4N36, 4N37. CNY17-: CNY17-1, CNY17-2, CNY17-3, CNY17-4, CNY17-F1, CNY17-F2, CNY17-F3, CNY17-F4. H11....: H11A1, H11A2, H11A3, H11A4, H11A5. TIL1...: TIL111, TIL117. MC....: MCT2, MCT2E, MCT210, MCT271, MCT2200, MCT2201, MCT2202. SL....: SL5500. MOC....: MOC8101, MOC8102, MOC8103, MOC8104, MOC8105, MOC8106, MOC8107, MOC8108, MOC3010, MOC3011, MOC3012, MOC3020, MOC3021, MOC3022, MOC3023, MOC8100. SOC....: SOC1044. Models may have suffix "M".</p>
Is based on test	247242-1

Supplement to Certificate: **NCS/FI 23507**

Internal ref.
Tom Törn

19 July 2007

NORDIC CERTIFICATION SERVICE

We hereby confirm that the product(s) appearing from the certificate with above certificate reference also comply(ies) with requirements for secondary certification in the following countries: Denmark, Norway, Sweden

NOTIFICATION

Certificate holder for Denmark, Norway and Sweden	Fairchild Semiconductor 3001 Orchard Parkway San Jose CA 95134, UNITED STATES
	Please send the invoice and the certificate directly to the certificate holder Attn: Jing Alabin.
Safety standard(s) applied	EN 60950-1:2006
EMKO TS document(s) considered	Not applicable
EMC requirements	-
The assignment is based on	Testing in own premises SGS Fimko Ltd.
Limitations or reservations regarding the testing / examination performed	None
Certification marks	Affixing of the certification mark(s) of the Nordic body(ies) on the product must not take place before notice about national certification is received from the individual body.
Production surveillance	Will be carried out by SGS Fimko according to agreed procedures.
Other information	Copy of the certificate, this Notification and other agreed documentation are transferred directly from SGS Fimko to DEMKO, NEMKO and SEMKO.
Test samples must be submitted to the secondary body(ies)	No
Date of issue	19 July 2007

This Notification may be challenged if it is more than 3 years old.

SGS Fimko Ltd

Signature



Tom Törn
Director, Certification Services