

CERTIFICATE FI/41310/A1

Our Ref. HEL-CERT220200230-02



Product Isolated Gate Driver

Type NCD57000, NCD57001, NCV57000, NCV57001, NCD57001F, NCV57001F, NCD57252, NCV57252, NCD57253, NCV57253, NCP51561, NCV51561, NCP51563, NCV51563, NCP51560, NCV51560, NCD57100, NCV57100, NCD57101, NCV57101

NCD57090A, NCD57090B, NCD57090C, NCD57090D, NCD57090E, NCD57090F, NCV57090A, NCV57090B, NCV57090C, NCV57090D, NCV57090E, NCV57090F, NCD57091A, NCD57091B, NCD57091C, NCV57091A, NCV57091B, NCV57091C

Trademark 

Certificate Holder ON Semiconductor Corporation
5005 E McDowell Rd US, 85008, Phoenix, Arizona, United States of America

Technical information OVC II, AC mains max. 400 V line-to-line, reinforced insulation, max operating temperature +125 °C

Other information

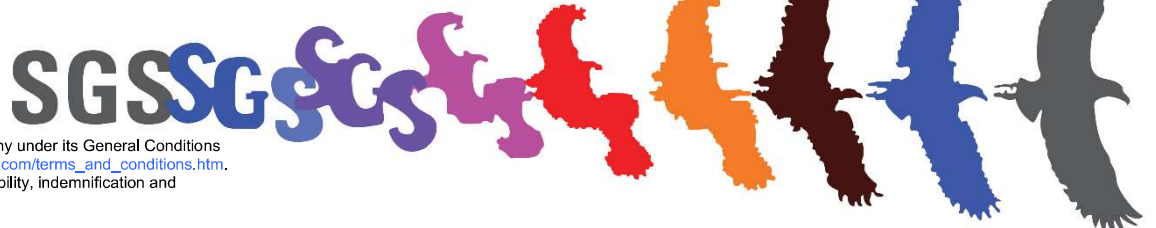
The product is certified according to the following standard(s) EN IEC 62368-1:2020 + A11:2020

Validity This certificate is valid until 2027-04-28 provided that the Conditions for FI certification are met. This certificate includes the right to use the FI mark 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 2022-09-20

SGS Fimko Ltd

Signature 
Peter Fagerstedt
Certification Manager



Manufacturer	ON Semiconductor (Fairchild Semiconductor Pte Ltd) 10 Ang Mo Kio Street 65, #03-06, 569059, Singapore, Singapore
Manufacturing site	ON Semiconductor Philippines Inc Golden Mile Business Park Special Economic Zone Governor's Drive, Barrio Maduya, 4116, Carmona, Cavite, Philippines
Directive information	The certified product(s) fulfils requirements of mentioned standard(s) which are harmonised under the Low Voltage Directive (2014/35/EU) at the date of issue of the certificate.
Additional information	<p>The products are isolated IGBT gate drivers with internal galvanic isolation, designed for high power applications.</p> <p>SOIC16WB, 16-pin wide body enclosure: NCD57000, NCD57001, NCV57000, NCV57001, NCD57001F, NCV57001F, NCD57252, NCV57252, NCD57253, NCV57253, NCP51561, NCV51561, NCP51563, NCV51563, NCP51560, NCV51560, NCD57100, NCV57100, NCD57101, NCV57101</p> <p>SOIC8WB, 8-pin wide body enclosure: NCD57090A, NCD57090B, NCD57090C, NCD57090D, NCD57090E, NCD57090F, NCV57090A, NCV57090B, NCV57090C, NCV57090D, NCV57090E, NCV57090F, NCD57091A, NCD57091B, NCD57091C, NCV57091A, NCV57091B, NCV57091C</p> <p>CL&CR of the products are 8,0 mm</p> <p>Models are the same in safety wise. Differences are in electrical functions or parameters, for example in propagation delay.</p> <p>Max operating temperature of the devices is 125 °C.</p> <p>For ITAV applications, based on test voltages, isolators can be used in implementation where required withstand voltage is max. 2,5kVp/(AC mains line-to-line max. 400 V/OVC II, reinforced insulation). Complying other insulation requirements construction of the isolators, final assembly as well as environmental conditions shall be considered.</p> <p>This certificate is based on and replaces previous certificate F/41310, dated 24 April 2022, due to addition of new models.</p>

As shown in the Test Report(s) No(s): HELES2110001091-1, HELES2110001091-1 Amendment 1