

# CERTIFICATE FI/41544

Our Ref. HEL-CERT221001625-01



**Product** Digital Isolator

**Type** NCID9211, NCID9210, NCID9216, NCID9200, NCID9301, NCID9311, NCID9300, NCID9310, NCID9400, NCID9410, NCID9401, NCID9411, NCID9420, NCID9421, NCID9500, NCID9510, NCID9520, NCID9501, NCID9511, NCID9521, NCID9600, NCID9610, NCID9620, NCID9630

NCIV9211, NCIV9210, NCIV9216, NCIV9200, NCIV9301, NCIV9311, NCIV9300, NCIV9310, NCIV9400, NCIV9410, NCIV9401, NCIV9411, NCIV9420, NCIV9421, NCIV9500, NCIV9510, NCIV9520, NCIV9501, NCIV9511, NCIV9521, NCIV9600, NCIV9610, NCIV9620, NCIV9630

**Trademark** 

**Certificate Holder** ON Semiconductor (Fairchild Semiconductor Pte Ltd.)  
10 Ang Mo Kio Street 65, #03-06,  
569059, Singapore

**Technical information** 4 kVp, reinforced insulation (AC mains max. 300 Vrms OVC III, / AC mains max 600 Vrms OVC II), material group I, pollution degree 2  
Max operating temperature +125 °C

**Other information** -

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

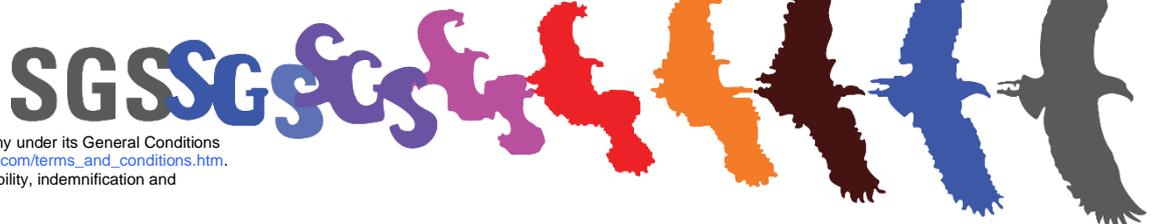
**Validity** This certificate is valid until 2027-11-01 provided that the Conditions for FI certification are met. This certificate includes the right to use the FI mark under the condition that changes (if any) will be checked at SGS Fimko before the product is brought onto market and that the conditions for FI certification are met.

**Date of issue** 2022-11-01

**SGS Fimko Ltd**

**Signature**

  
Joonas Leinonen  
Certification Manager



<b>Manufacturer</b>	ON Semiconductor (Fairchild Semiconductor Pte Ltd) 10 Ang Mo Kio Street 65, #03-06, 569059, Singapore
<b>Manufacturing site</b>	ON SEMICONDUCTOR CEBU PHILIPPINES, INC. Mactan Economic Zone 1 (MEZ1) 6015, Lapu-Lapu, Cebu, Philippines
<b>Additional information</b>	<p>The tested products are digital isolators with internal galvanic isolation, designed for high power applications.</p> <p>Package: SOIC16WB, 16-pin wide body enclosure:</p> <p>Clearance 7,4 mm Creepage distances 7,4 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>Max. altitude 2000 m.</p> <p>Models are tested and certified for required withstand voltage max. 4 kVp, reinforced insulation (AC mains max. 300 Vrms OVC III / AC mains max 600 Vrms OVC II). Used pollution degree is 2 and Material group 1 [CTI value PLC0 (&gt;600)].</p> <p>Required clearances and creepage distances must be taken into account of when implementing the components into the final installation, as well as PCB design, surrounding construction and environmental conditions.</p>
<b>As shown in the Test Report(s) No(s):</b>	HELES2206000681-1