



Ref. Certif. No.

DE 3 - 502988

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Digital equipment Digital Isolator
Name and address of the applicant	Vicor Corporation 25 Frontage Road Andover MA 01810, USA
Name and address of the manufacturer	Vicor Corporation 25 Frontage Road, Andover MA 01810, USA
Name and address of the factory	Vicor Inc. 400 Federal Street, Andover MA 01810, USA
Ratings and principal characteristics	Reinforced Isolation: 3000 Vrms, 4242 V DC w/working voltage: 300 Vrms, 420 V DC Rated Output Current: 3.3 V DC, 5 mA
Trade mark (if any)	VICOR
Customer's Testing Facility (CTF) Stage used	CTF Stage 3
Model/type Ref.	I1wxL1yz and MI1wxL1yz / Type: Digital Isolator PLI1209wwxyzz / Type: Point-of-Load Isolator (see certificate attachment for model nomenclature and rating information)
Additional information (if necessary)	Certificate DE 3 – 502947 issued 2018-05-17 is replaced by this version due to technical changes
A sample of the product was tested and found to be in conformity with	IEC 60950-1:2005 IEC 60950-1:2005/AMD1:2009 IEC 60950-1:2005/AMD2:2013
as shown in the Test Report Ref. No. which forms part of this certificate	72131873-200

This CB Test Certificate is issued by the National Certification Body

Date, 2018-06-14
CB 18 06 21433 575

William Stinson



TÜV SÜD Product Service GmbH · Certification Body · Ridlerstrasse 65 · D-80339 München

Product Service

Attachment to Certificate CB 18 06 21433 575

Digital Isolator Model Matrix: I1wxL1yz and MI1wxL1yz

Isolator Type

I1	Digital Isolator
MI1	Mil-COTs Digital Isolator

w = number of channels

1	1 channel
2	2 channel
3	3 channel

x = product grade

T	Telecom -40 – 125°
M	Mil-COTS -65 – 125°C

Package Size

L1	10x10 LGA
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y = Revision

Any alphanumeric character, non-safety related

z = Customer Reference

Any alphanumeric character, non-safety related

Example Model Numbers:

Standard 3 channel: I13TL1A0
 Mil-COTs 3 channel: MI13ML1A0

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PLI, Point-of-Load Isolator Model Matrix: PLI1209wwxyzz

Isolator Type

PLI	Point-of-Load Isolator
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Package Size

1209	12mm x 09mm
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ww = Device Compatibility

Any 2 alphanumeric characters, non-safety related, non-inclusive list of examples	
BC	BCM
NB	NBM
DS	DCM
DD	DCM
PS	PFM
PD	PFM
RF	RFM

x = Options

Any alphanumeric character, non-safety related, non-inclusive list of examples	
1	LDO
0	No LDO

y = option

Any alphanumeric character, non-safety related, non-inclusive list of examples	
1	Digital, Positive Vout
2	Digital, Negative Vout
3	Analog, Positive Vout
4	Analog, Negative Vout
5	Remote Sense, Pos. Vout
6	Remote Sense, Neg. Vout

zz = Customer Reference

Any alphanumeric character, non-safety related	
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All models rated -55 to 100°C

Example Model Numbers:

PLI1209BC1101

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