



America

# CERTIFICATE

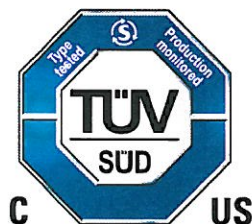
No. U8V 18 06 21433 576

**Holder of Certificate:** Vicor Corporation

25 Frontage Road  
Andover MA 01810  
USA

**Production Facility(ies):** 67768

**Certification Mark:**



**Product:** Digital equipment  
Digital Isolator and Point-of-Load Isolator

**Model(s):** I1wxL1yz and MI1wxL1yz / Type: Digital Isolator  
PLI1209wwxyzz / Type: Point-of-Load Isolator  
(see certificate attachment for model nomenclature,  
rating information and license conditions)

**Parameters:**

Reinforced Isolation:	3000 Vrms, 4242 V DC
w/working Voltage:	300 Vrms, 420 V DC
Rated Output Current:	3.3 V DC, 5 mA

**Tested according to:** CAN/CSA C22.2 No.60950-1:2007/A2:2014  
UL 60950-1:2007/R:2014-10  
EN 60950-1:2006/A2:2013

The product was voluntarily tested according to the relevant safety requirements noted above. It can be marked with the certification mark above. The mark must not be altered in any way. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC 17067. Certification is based on the TÜV SÜD "Testing and Certification Regulations". TÜV SÜD America Inc. is an OSHA recognized NRTL and a Standards Council of Canada accredited certification body.

**Test report no.:** 72131873-200

**Date,** 2018-06-13

Page 1 of 3



Attachment to Certificate Number U8V 18 06 21433 576

Vicor Corporation  
25 Frontage Road  
Andover, MA 01810 USA



License Conditions:

**Special Considerations** – The following items are considerations that were used when evaluating these products. The Digital Isolator and PLI Isolator series are designed for building-in.

1. The max temperature of the Digital Isolators and Point-of-Load Isolators is 125°C.
2. The Digital Isolator and the Point-of-Load Isolator provide Reinforced Insulation.

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°C
M	Mil-COTS -65 – 125°C

Package Size

L1	10x10 LGA
----	-----------

y = Revision

Any alphanumeric character, non-safety related

z = Customer Reference

Any alphanumeric character, non-safety related

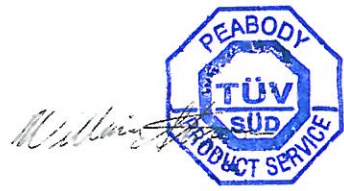
Example Model Numbers:

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

Test Report No: 72131873-200

Date: 2018-06-13  
U8V 18 06 21433 576

Page 2 of 3



Vicor Corporation  
25 Frontage Road  
Andover, MA 01810 USA



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

**Isolator Type**

<b>PLI</b>	Point-of-Load Isolator
------------	------------------------

**Package Size**

<b>1209</b>	12mm x 09mm
-------------	-------------

**ww = Device Compatibility**

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

**x = Options**

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

**y = option**

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

**zz = Customer Reference**

Any alphanumeric character, non-safety related	
--	--

All models rated -55 to 100°C

**Example Model Numbers:**

PLI1209BC1101

Test Report No: 72131873-200

Date: 2018-06-13  
U8V 18 06 21433 576

Page 3 of 3

