

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

CB TEST CERTIFICATE

Product	Audio/Video, Information and Communication technology equipment DC-DC Converter
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	Model: BCM6123T60F15A3T00 Rated Input Voltage: 60 V DC Rated Output Voltage: 15.3 V DC Rated Output Current: 130 A Degree of Protection: IPX0
Trade mark (if any)	VICHIP
Customer's Testing Facility (CTF) Stage used	CTF STAGE 3
Model/type Ref.	Low Voltage VICHIP 6123 BCM / NBM Model: BCM6123T60F15A3T00
Additional information (if necessary)	Certificate DE 3 – 501486 issued 2015-09-11 is replaced by this version due to technical changes
A sample of the product was tested and found to be in conformity with as shown in the Test Report Ref. No. which forms part of this certificate	IEC 62368-1:2018 72163514-000

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This CB Test Certificate is issued by the National Certification Body

CB 021433 0454 Rev. 01

Date, 2020-12-01



(William J. Stinson)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany



Product Service

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Low Voltage VICHIP 6123 BCM / NBM Model Matrix: aaa6123bccwwxyzz

Example: BCM6123T60E15A3T00

aaa = BCM

Product Function	
BCM	Isolated Bus Converter Module
NBM	Non-isolated Bus Converter Module

6123 = Constant

Package Size (Length x Width)	
6123	61 mm x 23 mm

b = T

Lead Designator	
T	Through-Hole
L or N	Leadless

ccc = 60E

Input Voltage (Vdc)			
	Max	Range	Nominal
60E	60	36-60	54
46C	46	36-46	42

ww = 15

Maximum Output Voltage	
10	10 Vdc
12	12 Vdc
15	15 Vdc

xx = A3

Maximum Output Current			
A3	130A	65	65A
A5	150A	75	75A
A6	160A	80	80A
A7	170A	85	85A
A8	180A	90	90A

y = T

Product Grade	
C	-20 to 100°C
T	-40 to 100°C
M	-55 to 100°C

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zz = 00

Options (non-safety related)	
00	Any alphanumeric

Customer Special Model Number	Equivalent Standard Part Number
BCM54Aw135x1K8Ayz	BCM6123b60E15A3yzz
BCM54Aw090x1K4Ayz	BCM6123b60E10A5yzz
NBM42Aw140x2K2Ayz	NBM6123b46C15A6yzz
NBM54Aw108x1K8Ayz	NBM6123b60E12A7yzz
NBM54Aw108x1K9Ayz	NBM6123b60E12A8yzz
w = Lead Designator (P, Q, or N) P = Through hole Q = Surface Mount N̄ = Leadless x = Grade (T or M) y = Package Size (C = 2361, 3 = 6123) z = Communication Type (0, 1, or R)	b = Lead Designator (T, S, or L) T = Through hole S = Surface Mount L = Leadless y = Grade (C, T, or M) zz = options (alphanumeric)



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