



Ref. Certif. No.

DE 3 - 500874

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Product

Produit

DC converter
DC-DC Converter

Name and address of the applicant

Nom et adresse du demandeur

Vicor Corporation
25 Frontage Road
Andover, MA 01810, USA

Name and address of the manufacturer

Nom et adresse du fabricant

Vicor Corporation, 25 Frontage Road, Andover, MA 01810, USA

Name and address of the factory

Nom et adresse de l'usine

Vicor Inc., 400 Federal Street, Andover MA 01810, USA

Ratings and principal characteristics

Valeurs nominales et caractéristiques principales

Rated Input Voltage: 384 V DC
Rated Output Voltage: 12 V DC
Rated Output Power: 375 W max
Protection Class: II

Trade mark (if any)

Marque de fabrique (si elle existe)

VI Chip FACTORIZED POWER

Type of Manufacturer's Testing Laboratories used

Type de programme du laboratoire d'essais constructeur

SMT

Model/type Ref.

Ref. de type

High Voltage BCM, B384F120T37
(See attachment for additional model information.)

Additional information (if necessary)

Information complémentaire (si nécessaire)

A sample of the product was tested and found
to be in conformity with

Un échantillon de ce produit a été essayé et a été
considéré conforme à la

IEC 60950-1/A2:2013

as shown in the Test Report Ref. No.

which forms part of this certificate

comme indiqué dans le Rapport d'essais numéro
de référence qui constitue une partie de ce
certificat

DI1403861-000

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification

Date,

2014-06-17

CB 14 06 21433 409

William Stinson



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

Product Service

VI Chip High Voltage BCM Model Number: Baaacdddeffx Example: B384F120T24A

B = B

BCM (Buss Converter Module)	
B	Standard version
MB	Mil-COTS version

aaa = 384

Input Voltage	Nominal (range)
270	270 Vdc (240-330)
352	352 Vdc (330-365)
384	384 Vdc (360-400)

c = F

Package Size and Lead Designator	
F	Full VI Chip J-Lead
T	Full VI Chip Through-hole
K	Full VI Chip In Board BGA

ddd = 120

Output Voltage Designator (can be any three digits from 000 to 480) non-inclusive list of examples below			
110	11 Vdc	340	34 Vdc
120	12 Vdc	440	44 Vdc
125	12.5 Vdc	480	48 Vdc
137	13.7 Vdc		

e = T

Product Grade	
T	-40 to 125C
M	-55 to 125C

ff = 24

Output Power Designator (can be any two digits from 00 to 37) non-inclusive list of examples below			
24	240 W	35	350 W
30	300 W	37	375 W
33	330 W		

x = A

Revision (optional non-safety related)	
x	Any alphanumeric character

Test Report No: DI1403861-000

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Customer Special Model Numbers

Customer Special Model Numbers	Equivalent Standard Model Numbers
B352F110T30x	B352F110T30
VIZ0002, VIZ0002x	B352F110T30
VIZ0020, VIZ0020x	B352F440T37
VIZ0048, VIZ0048x	B352F110T30
VIZ0070, VIZ0070x	B352F440T37
VIB0001TFJ, VIB0001TFJx	B352F110T30
VIB0002TFJ, VIB0002TFJx	B384F480T33
VIB0003TFJ, VIB0003TFJx	B352F440T35
VIB0004TFJ, VIB0004TFJx	B270F340T24
VMB0004MFJ, VMB0004MFJx	B270F340M24
VIB0010TFJ, VIB0010TFJx	B352F125T33
VIB0011TFJ, VIB0011TFJx	B384F137T30
Special Model Options	
VIB may be replaced by VMB for Military Designation	
T may be replaced by M for Grade Designation	
J may be replaced by T for Thru-Hole	
x = revision, any letter A through Z, non-safety related	

Example # 1: B384F120T30

BCM, 384 Vin, J Lead, 12 Vout, T Grade, 300W

Example # 2: B352F110T30

BCM, 352 Vin, J Lead, 11 Vout, T Grade, 300W

Example # 3: VIB0001TFJ

BCM, 352 Vin, J Lead, 11 Vout, T Grade, 300W

Example # 4: VMB0004MFT

BCM, 270 Vin, Thru-Hole, 34 Vout, M Grade, 240W

Example #5: VIZ0020

BCM, 352 Vin, J Lead, 44 Vout, T Grade, 375W

Test Report No: DI1403861-000

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VI Chip High Voltage BCM2 Model Number: BCMbbbcdddefffxzz

Example: BCM384F120T300A00

BCM = Constant

BCM Family (Buss Converter Module)	
BCM	Standard version
MBCM	Mil-COTS version

bbb = 384

Input Voltage	Nominal (range)
270	270 Vdc (230-330)
352	352 Vdc (330-365)
384	384 Vdc (360-400)

$$\mathbf{c} = \mathbf{F}$$

Package Size and Lead Designator	
F	Full VI Chip J-Lead
T	Full VI Chip Through-hole

ddd = 120

Output Voltage Designator (can be any three digits from 110 to 480) Vout = (designator / 10), non-inclusive list of examples below			
110	11 Vdc	338	33.8 Vdc
120	12 Vdc	340	34 Vdc
125	12.5 Vdc	450	45 Vdc
137	13.7 Vdc	480	48 Vdc

$$\mathbf{e} = \mathbf{T}$$

Product Grade	
T	-40 to 125C
M	-55 to 125C

fff = 300

Output Power Designator (can be any three digits from 200 to 375) non-inclusive list of examples below			
200	200 W	300	300 W
235	235 W	330	330 W
240	240 W	350	350 W
270	270 W	375	375 W

$$\mathbf{x} = \mathbf{A}$$

Revision (non-safety related)	
x	Any alphanumeric character

$$ZZ = 00$$

Customer reference (non-safety related)
Any alphanumeric character

Customer Special Model Numbers	Equivalent Standard Model Numbers
VIZ0089, VIZ0089x	BCM352F110T300A00
x = revision, any letter A through Z, non-safety related	

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William Allen



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