# Zertifikat

# Certificate



Zertifikat Nr. Certificate No.

Blatt Sheet 0001

R 50382242

Ihr Zeichen Client Reference

52203050

Unser Zeichen Our Reference

Ausstellungsdatum

Date of Issue

01-SY-50108200 001

07.12.2017

(day/mo/yr)

Genehmigungsinhaber License Holder

GE Power Electronics, Inc.

601 Shiloh Road

Plano, Texas 75074

USA

Fertigungsstätte Manufacturing Plant

Lineage Power China Co., Ltd. 1353 Chenqiao Road, Fengpu Industrial Park, 201401, Fengxian

Shanghai

P. R. China

Prüfzeichen Test Mark



Bauart geprüft Sicherheit Regelmäßige Produktions-überwachung

www.tuv.com ID 1419048500

Geprüft nach Tested acc. to

EN 60950-1:2006+A11+A1+A12+A2

Zertifiziertes Produkt (Geräteidentifikation) Certified Product

(Product Identification)

Lizenzentgelte - Einheit License Fee - Unit

6

Einbau-Schaltnetzteil (Switching Power Supply)

Type Designation

: CLP0448FP, CLP0424FP

: GE

Trademark

Rated Input Rated Output : refer to Appendix No. 1.0 : refer to Appendix No. 1.0

Protection Class

: Not classified

: 5000m

Max. Operating Altitude

Max. Operating Temperature: +85°C

(refer to operation instruction for details)

Remark:

Primary and secondary circuits are separated according to method 1 of clause 2.9.4. The installation has to be carried out according to the installation instructions accompanying the product.

A LGA Prop

Zertifizierungsstelle

ANLAGE (Appendix): 1.0

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht. This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com Fax: +49 221 806-3935 http://www.tuv.com/safety

Mark Che

#### TÜV Rheinland (China) Ltd. Member of TÜV Rheinland Group



GE Power Electronics, Inc.

Date : 07.12.2017

Our ref.: SY 01 Your ref.: 52203050

601 Shiloh Road Plano, Texas 75074 USA

## Ref : R TÜV-Mark Approval

Type of Equipment : Switching Power Supply

Model Designation: See Certificate Certificate No.: R 50382242 0001
Report No.: 50108200 001

Dear Ladies and Gentlemen,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area.

With kind regards,

Certification Body

Mark Chen

Enclosure

Report No.: 50108200 001

Type Designation: CLP0448FP, CLP0424FP





Picture 1 – Overview of Switching Power Supply



Picture 2 – Overview of Switching Power Supply

Rev. 1

Report No.: 50108200 001

Type Designation: CLP0448FP, CLP0424FP





Picture 3 – Overview of Switching Power Supply



Picture 4 – Overview of Switching Power Supply

Rev. 1

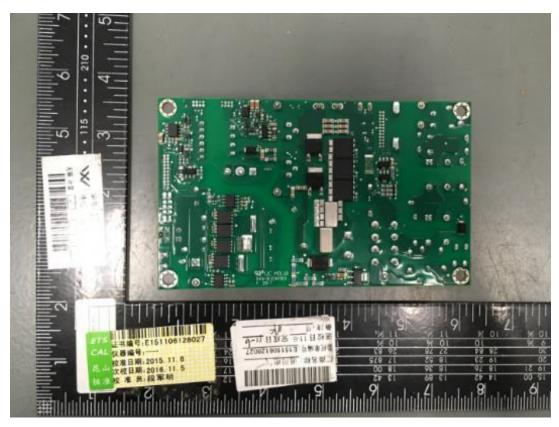
Report No.: 50108200 001

Type Designation: CLP0448FP, CLP0424FP





Picture 5 - PWB view of Main Board



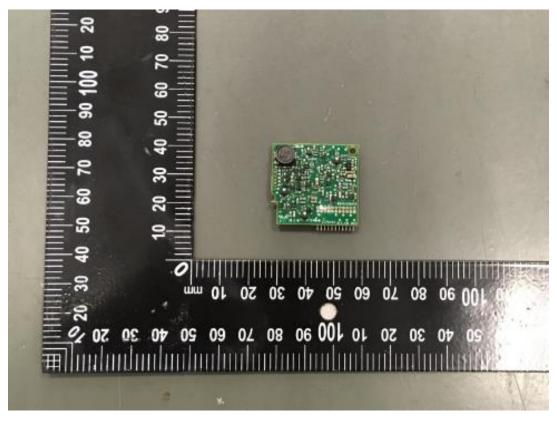
Picture 6 - PWB view of Main Board

Rev. 1 Page 3 of 12

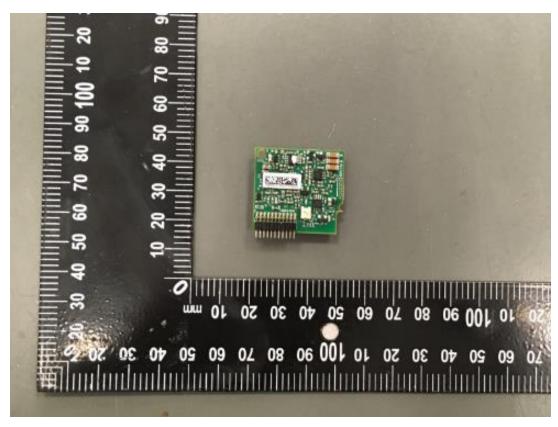
Report No.: 50108200 001







Picture 7 – PWB view of BDA2400 CLP0448\_SEC\_CM\_PWB\_ASSY

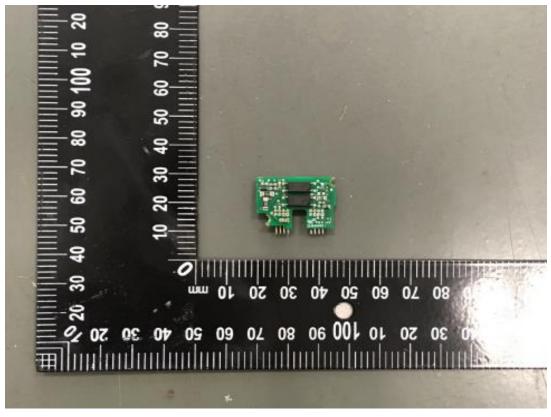


Picture 8 – PWB view of BDA2400 CLP0448\_SEC\_CM\_PWB\_ASSY

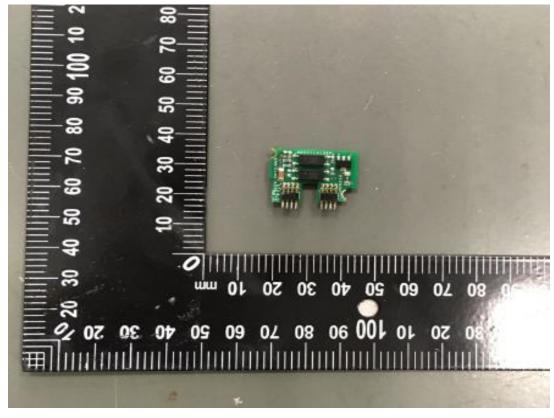
Report No.: 50108200 001

Type Designation: CLP0448FP, CLP0424FP





Picture 9 – PWB view of BDA8018 CLP0448\_OPTO\_PWB\_ASSY



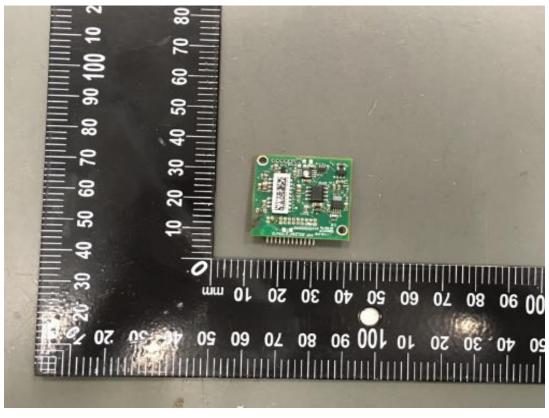
Picture 10 – PWB view of BDA8018 CLP0448\_OPTO\_PWB\_ASSY

Rev. 1

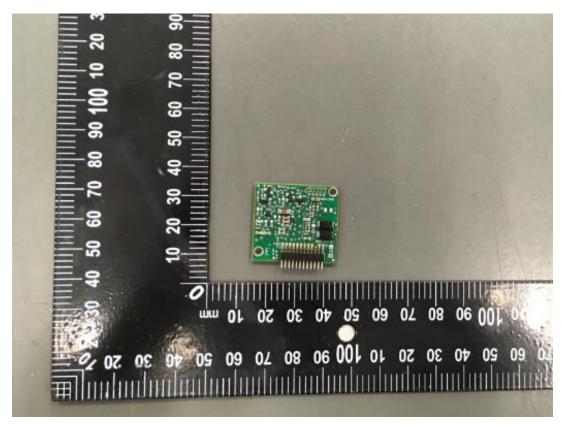
Report No.: 50108200 001







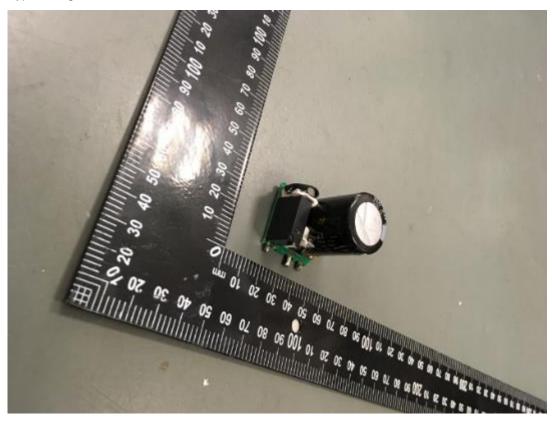
Picture 11 – PWB view of BDA1500 PCB PRI\_CNTL



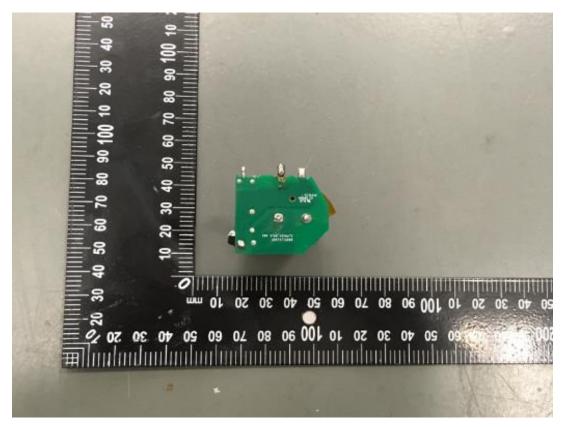
Picture 12 - PWB view of BDA1500 PCB PRI\_CNTL

Report No.: 50108200 001





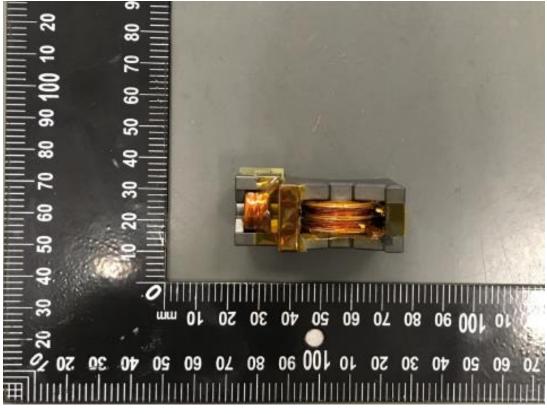
Picture 13 - PWB view of BDA102 PCB BULK\_CNTL



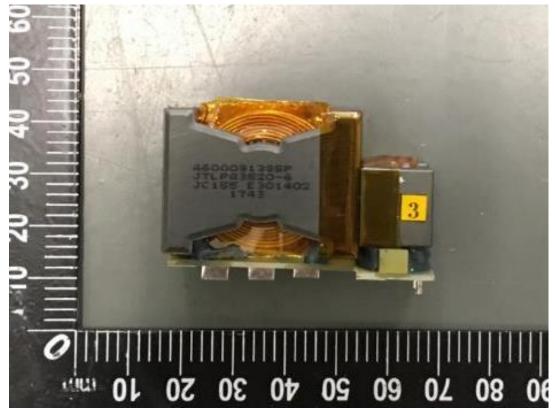
Picture 14 - PWB view of BDA102 PCB BULK\_CNTL

Report No.: 50108200 001





Picture 15 – Transformer view of T400

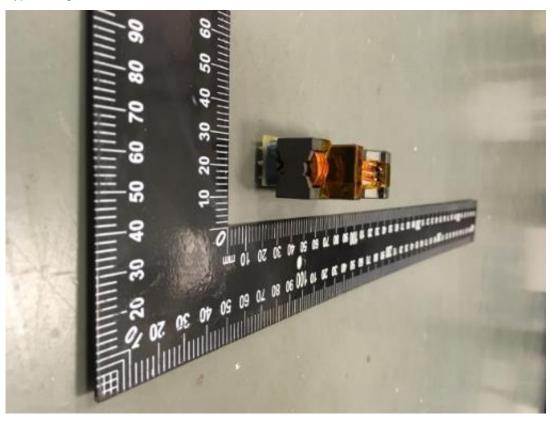


Picture 16 – Transformer view of T400

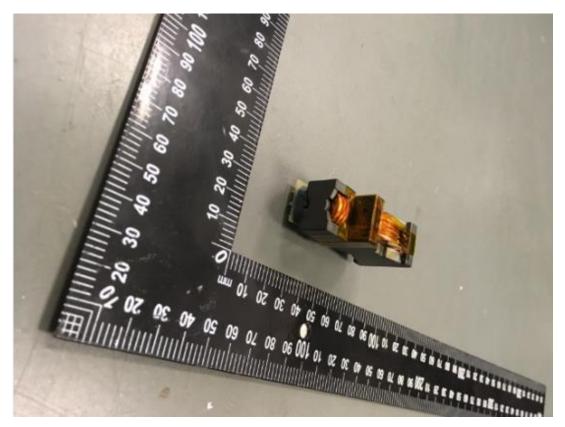
Report No.: 50108200 001

Type Designation: CLP0448FP, CLP0424FP





Picture 17 – Transformer view of T400

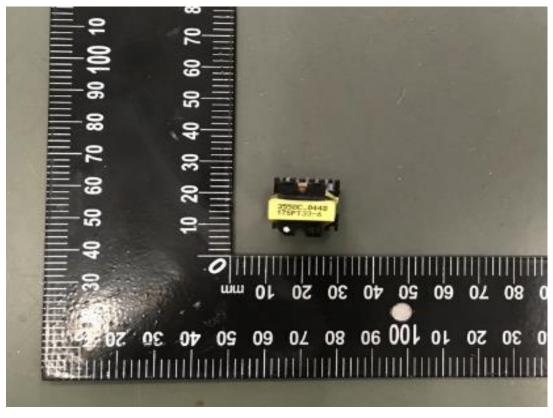


Picture 18 – Transformer view of T400

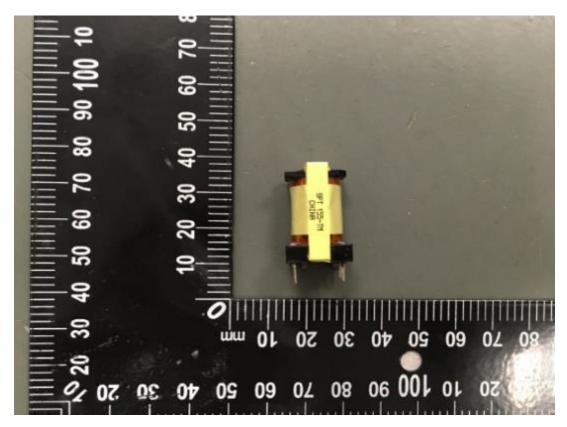
Rev. 1 Page 9 of 12

Report No.: 50108200 001





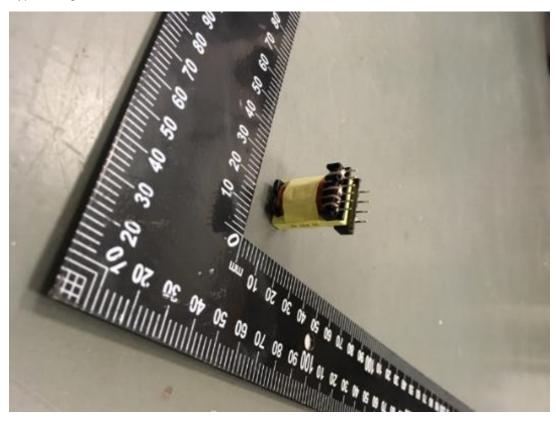
Picture 19 – Transformer view of T700



Picture 20 – Transformer view of T700

Report No.: 50108200 001





Picture 21 – Transformer view of T700



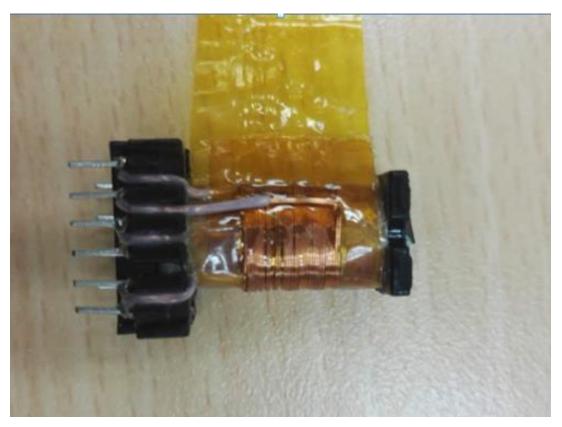
Picture 22 – Transformer view of T700

Report No.: 50108200 001





Picture 23 – Winding wire of T700



Picture 24 – Winding wire of T700

## Zertifikat

## Certificate



Zertifikat Nr. Certificate No.

Blatt Sheet

R 50382242

0002

Ihr Zeichen Client Reference

Unser Zeichen Our Reference

Ausstellungsdatum

Date of Issue

52259607

01-SY-50108200 002

13.12.2018

(day/mo/yr)

Genehmigungsinhaber License Holder

GE Power Electronics, Inc. 601 Shiloh Road

Plano, Texas 75074

USA

Fertigungsstätte Manufacturing Plant

Lineage Power China Co., Ltd. 1353 Chenqiao Road, Fengpu Industrial Park, 201401, Fengxian

Shanghai

P. R. China

Prüfzeichen Test Mark

TÜVRheinland ZERTIFIZIERT

Bauart geprüft Sicherheit Regelmäßige Produktionsüberwachung

www.tuv.com ID 1419048500

Geprüft nach Tested acc. to

EN 60950-1:2006+A11+A1+A12+A2

Zertifiziertes Produkt (Geräteidentifikation) Certified Product

(Product Identification)

Lizenzentgelte - Einheit License Fee - Unit

Einbau-Schaltnetzteil (Switching Power Supply)

as page 0001

Addition

Type Designation

: CLP0428FP

Trademark

: GE

Rated Input Rated Output : refer to Appendix No. 1.1

: refer to Appendix No. 1.1

2

ANLAGE (Appendix): 1.1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht. This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TUV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

d LGA Produ TÜVRh Zertifizierungsstell

Mark Chen

#### TÜV Rheinland (China) Ltd. Member of TÜV Rheinland Group



GE Power Electronics, Inc.

Date : 13.12.2018 Our ref. : SY 01 Your ref.: 52259607

601 Shiloh Road Plano, Texas 75074 USA

### Ref : R TÜV-Mark Approval

Type of Equipment: Switching Power Supply

Model Designation : See Certificate Certificate No. : R 50382242 0002 Report No. : 50108200 002

Dear Ladies and Gentlemen,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

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With kind regards,

Certification Body

Mark Cken

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