Issue Date: 2019-07-31 Page 1 of 17 Report Reference # E201808-A6005-UL

UL TEST REPORT AND PROCEDURE

UL 62368-1, 2nd Ed, 2014-12-01 (Audio/video, information and

communication technology equipment Part 1: Safety requirements) CAN/CSA C22.2 No. 62368-1-14, 2nd Ed (Audio/video, information and communication technology equipment Part 1: Safety requirements) Component Recognition **Certification Type:** CCN: QQJQ2, QQJQ8 (Power Supplies for Use in Audio/Video, Information and Communication Technology Equipment) **Complementary CCN:** N/A **Product:** Switching Power Supply RL0402x-yz (x = E or U; y = 03, 05, 12, 18, 24, 36 or 48; z = blank or I),

Model: RL0402Dx-y (x = E or U; y = 0312, 0324, 0512, 0524 or 1224), RL0803,

and RL0803-0528

Rating: See Enclosure Id. 07-01 for details.

> ULTRA LEVEL TECH CO LTD 4TH FL 2 LANE 235 BAU-CHIAU RD

Applicant Name and Address: HSIN-TIEN DISTRICT

Standard:

NEW TAIPEI 231 TAIWAN

This is to certify that representative samples of the products covered by this Test Report have been investigated in accordance with the above referenced Standards. The products have been found to comply with the requirements covering the category and the products are judged to be eligible for Follow-Up Service under the indicated Test Procedure. The manufacturer is authorized to use the UL Mark on such products which comply with this Test Report and any other applicable requirements of UL LLC ('UL') in accordance with the Follow-Up Service Agreement. Only those products which properly bear the UL Mark are considered as being covered by UL's Follow-Up Service under the indicated Test Procedure.

The applicant is authorized to reproduce the referenced Test Report provided it is reproduced in its entirety.

UL authorizes the applicant to reproduce the latest pages of the referenced Test Report consisting of the first page of the Specific Technical Criteria through to the end of the Conditions of Acceptability.

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.

Prepared By: Elicia M. Sosa / Project Handler Reviewed By: David G. Feusier / Reviewer

Zertifikat

Certificate



Zertifikat Nr. Certificate No.

R 50072578

Blatt Page 0001

Ihr Zeichen Client Reference

93-0819/PSE

Unser Zeichen Our Reference

ZTW1-ALD- 10015055 001

Ausstellungsdatum 26.10.2005

Date of Issue (day/mo/yr)

Genehmigungsinhaber License Holder

Rltech Inc.

4F., No. 156, Chingmei St.

Wen Shan Ward

Taipei 116

Taiwan

Fertigungsstätte Manufacturing Plant

Ultra Level Tech. Co., Ltd.

4F. No.2, Lane 235, Bau-Chiau Road

Hsin-Tien City, Taipei Hsien

Taiwan

Prüfzeichen Test Mark



BAUART GEPRÜFT

TYPE **APPROVED** Geprüft nach Tested acc. to

EN 60950-1:2001+A11

Zertifiziertes Produkt (Geräteidentifikation) (Product Identification) Certified Product

Lizenzentgelte - Einheit License Fee - Unit

Einbau-Schaltnetzteil (Switching Power Supply)

Bezeichnung

: RL0402x-yz (RL)

10

(Type Designation)

x steht für

: E oder (or) U

1

(stands for)

y steht für

: 03, 05, 12, 18, 24, 36, 48 (stands for)

1

z steht für

: AC 100-240V, 47-63Hz

: freibleibend (blank) oder (or) I

(stands for) Nennspannung

(Rated Voltage)

Nennstrom

: 6.35A-3.25A

(Rated Current)

max. Umgebungstemperatur : 50°C

(max. Ambient Temperature)

: I Schutzklasse

(Protection Class)

: 2 Verschmutzungsgrad

(Pollution Degree)

Fortsetzung Blatt (continued on page) 02

ortemend Producy Rheinlan Tonzierungsst

13

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.

Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.

This certificate is based on our Testing and Certification Regulation. The product fulfills above-mentioned-requirements, the production is subject to surveillance.

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln

医三角膜 化基二氯化氯化氯化氯氯氯化化物 医外部内部

Tel.:(+49/221)8 06 - 13 71 Fax:(+49/221)8 06 - 39 35 e-mail: Althofff@de.tuv.com

Zertifizierungsstelle

Zertifikat

Certificate



Zertifikat Nr. Certificate No.

Blatt Page

R 50072578

0003

Ihr Zeichen Client Reference

Unser Zeichen Our Reference

Ausstellungsdatum

Date of Issue (day/mo/yr)

93-0819/PSE

ZTW1-ALD- 10015055 001

26.10.2005

Genehmigungsinhaber License Holder

Rltech Inc.

4F., No. 156, Chingmei St.

Wen Shan Ward

116 Taipei

Taiwan

Fertigungsstätte Manufacturing Plant

Ultra Level Tech. Co., Ltd.

4F. No.2, Lane 235, Bau-Chiau Road Hsin-Tien City, Taipei Hsien 231

Taiwan

Prüfzeichen Test Mark

Geprüft nach Tested acc. to

EN 60950-1:2001+A11

RALIART GEPRÜFT

TYPE APPROVED

Zertifiziertes Produkt Certified Product

(Geräteidentifikation)

(Product Identification)

Lizenzentgelte - Einheit

License Fee - Unit

Einbau-Schaltnetzteil (Switching Power Supply)

wie Blatt (as page) 01

Ergänzung

(Addition)

Bezeichnung

: RL0402Dx-y (RL)

1

(Type Designation)

x steht für

: E oder (or) U

1

(stands for)

y steht für

: 0312, 0324, 0512, 0524, 1224

1

(stands for)

Ausgänge

: siehe Aufbau-Übersicht

(Outputs)

(see constructional dataform)

max. Ausgangsleistung: siehe Aufbau-Übersicht

(max. Output Power)

(see constructional dataform)

Product

Rheinland

Orbinzierungss.

ANLAGE (Appendix): 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde. Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht. This certificate is based on our Testing and Certification Regulation. The product fulfills above-mentioned-requirements, the production is subject to surveillance.

Zertifizierungsstelle

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln

Tel.:(+49/221)8 06 - 13 71 Fax:(+49/221)8 06 - 39 35 e-mail: Althofff@de.tuv.com

Zertifikat Certificate



Zertifikat Nr. Certificate No. R 50072578

Blatt Page 0009

Ihr Zeichen Client Reference

Unser Zeichen Our Reference

Ausstellungsdatum

Date of Issue (day/mo/yr)

238044999/FW040121

ZTW1-RNK- 10015055 012

19.01.2021

Genehmigungsinhaber License Holder

Ultra Level Tech. Co., Ltd. 4F. No.2, Lane 235, Bau-Chiau Road Hsin-Tien Dist., New Taipei City

Taiwan

Fertigungsstätte Manufacturing Plant

Ultra Level Tech. Co., Ltd.

4F. No.2, Lane 235, Bau-Chiau Road Hsin-Tien Dist., New Taipei City

231 Taiwan

Prüfzeichen Test Mark

Bauart geprüft Sicherheit Regelmäßige Produktionsüberwachung

www.tuv.com ID 2000000000

Geprüft nach Tested acc. to EN 62368-1:2014+A11

Certified Product

TÜVRheinland

ZERTIFIZIERT

Zertifiziertes Produkt (Geräteidentifikation)

(Product Identification)

Lizenzentgelte - Einheit License Fee - Unit

Einbau-Schaltnetzteil (Switching Power Supply)

wie Blatt (as page) 01

Änderung (Change)

Prüfgrundlage (Test Requirement) : siehe oben

(see above)

ANLAGE (Appendix): 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)8 06 - 13 71 e-mail: cert-validity@de.tuv.com

Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety

and LGA Pro Zertifizierungsstelle Dipl.-Ing. F. Stoelzel



DK-86099-UL

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

CB TEST CERTIFICATE

Product Switching Power Supply

Name and address of the applicant Ultra Level Tech. Co., Ltd.

4TH FL 2 LANE 235 BAU-CHIAU RD HSIN-TIEN DISTRICT NEW

TAIPEI, 231 TAIWAN

Name and address of the manufacturer Ultra Level Tech. Co., Ltd.

4TH FL 2 LANE 235 BAU-CHIAU RD HSIN-TIEN DISTRICT NEW

TAIPEI, 231 TAIWAN

Name and address of the factory Ultra Level Tech. Co., Ltd.

4F, No. 2, Lane 235, Bau-Chiau Road, Hsin-Tien Dist., New Note: When more than one factory, please report on page 2

Taipei City, 231

Taiwan

Additional Information on page 2

Ratings and principal characteristics Input: 100-240Vac, 47-63Hz, 6.35A-3.25A for model:

RL0402x-03z (x = E or U; z = blank or I),

see test report for details.

Trademark (if any)



Type of Customer's Testing Facility (CTF) Stage used

Model / Type Ref. RL0402Dx-y, RL0402x-yz, RL0803-0528, RL0803

See Page 2

Additional information (if necessary may also be

reported on page 2)

Additional Information on page 2

A sample of the product was tested and found

to be in conformity with

IEC 62368-1:2014

As shown in the Test Report Ref. No. which forms part

of this Certificate

1901003-CB issued on 2019-07-19

This CB Test Certificate is issued by the National Certification Body



Date: 2019-07-26

UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA

UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK

UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN

For full legal entity names see www.ul.com/ncbnames

UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

Signature:

Jan-Erik Storgaard



DK-86099-UL

Model Details:

RL0402x-yz (x = E or U; y = 03, 05, 12, 18, 24, 36 or 48; z = blank or I) RL0402Dx-y (x = E or U; y = 0312, 0324, 0512, 0524 or 1224)

Additional Information:

Additionally evaluated to EN 62368-1:2014 / A11:2017 National Difference specified in the CB Test Report

Additional information (if necessary)



UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA

UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK

UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN

UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2019-07-26

Signature: Jan-Erik Storgaard



Ref. No. VTN0292A/2022

Page: 1 of 1

VERIFICATION OF COMPLIANCE

Issue Date: September 02, 2022

ULTRA LEVEL TECH CO., LTD. Applicant:

4F, No.2, Lane 235, Bau-Chiau Road, Hsin-Tien District, New Taipei City 231, Address:

Taiwan, R.O.C.,

Manufacturer: ULTRA LEVEL TECH CO., LTD.

Address: 4F, No.2, Lane 235, Bau-Chiau Road, Hsin-Tien District, New Taipei City 231,

Taiwan, R.O.C..

Switching Power Supply Product:

Brand Name/Trade Mark: N/A

Model/Type: 1) RL0402x-yz (x= E,U; y=03, 05,12,18, 24, 36,48; z=blank or I)

2) RL0402Dx-y (x= E,U; y=0312, 0324, 0512, 0524,1224)

Added Model(s): N/A

Applicable Standards: EN 55032: 2015+A11: 2020

EN 61000-3-2: 2014, EN 61000-3-3: 2013

EN 55035: 2017+A11: 2020

IEC 61000-4-2: 2008, IEC 61000-4-3: 2020

IEC 61000-4-4: 2012, IEC 61000-4-5: 2014+A1:2017 IEC 61000-4-6: 2013+C1: 2015, IEC 61000-4-8: 2009

IEC 61000-4-11: 2020+C1:2020

Test Laboratory: Compliance Certification Services Inc.

Tainan Lab

No.8, Jiucengling, Xinhua Dist., Tainan City, Taiwan

Test Report No.: TMTN2207000937NE, dated on September 02, 2022

Conclusion:

Based upon a review of the Test Report(s), the tested sample of the product mentioned above is deemed to comply with the requirements of the above standards.

Note: This verification is only valid for the product and configuration described and in conjunction with the test report as detailed above.

Authorised Signatory:

Compliance Certification Services Inc.

Jeter Wu Manager

FM-023A-R02

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