

EU Declaration of Conformity

Model Number: KIT-NFC-LF/HF- EDGE CONNECT
Equipment Category: Information Technology and Telecommunications Equipment
Equipment Class: Commercial and Light Industrial
Product Name: NFC
Manufacture Start Year: 2021

We hereby declare under our sole responsibility, that the object of the declaration described above is in conformity with the following EU Directives and harmonized standard(s):

1. **EU Directive 2014/53/EU** of the European Parliament and of the Council of 16 April 2014 on the harmonization of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC Text with EEA relevance.

Applicable harmonized standards:

- EN55032:2015+A11:2020 Class B
- EN55035:2017+A11:2020
- EN IEC61000-6-1:2019
- EN 61000-3-2:2019
- EN 61000-3-3:2013+A1:2019 – Standard
- IEC 61000-4-2:2008
- IEC 61000-4-3:2006+A1:2007+A2:2010
- IEC 61000-4-4:2012
- IEC 61000-4-5:2014/AMD:2017
- IEC 61000-4-6:2013
- IEC 61000-4-8:2009
- IEC 61000-4-11:2020
- EN 301 489-1 V2.2.3 (2019-11)
- EN 301 489-3 V2.1.1 (2019-03)
- EN 301 489-17 V3.2.4 (2020-09)
- EN 300 328 V2.2.2 (2019-07)
- ETSI EN 300 330 V2.1.1 (2017-02)
- EN 62497:2010

2. **EU Directive 2011/65/EU** of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Commission Delegated Directive (EU) 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances (Text with EEA relevance)

Technical documentation required by the EU Directive 2011/65/EU was drawn based on harmonized standard EN IEC 63000.



Kevin Huang
Director, Systems Engineering
Elo Touch Solutions, Inc.



16 May 2022

UK Declaration of Conformity

Model Number: KIT-NFC-LF/HF- EDGE CONNECT
Equipment Category: Information Technology and Telecommunications Equipment
Equipment Class: Commercial and Light Industrial
Product Name: NFC
Manufacture Start Year: 2021

We hereby declare under our sole responsibility, that the object of the declaration described above is in conformity with the following Product Specifications and UK Regulations:

1. Radio Equipment Regulations 2017

Applicable harmonized standards:

- BS EN55032:2015+A11:2020 Class B
- BS EN55035:2017+A11:2020
- BS EN IEC61000-6-1:2019
- BS EN 61000-3-2:2019
- BS EN 61000-3-3:2013+A1:2019 – Standard
- IEC 61000-4-2:2008
- IEC 61000-4-3:2006+A1:2007+A2:2010
- IEC 61000-4-4:2012
- IEC 61000-4-5:2014/AMD:2017
- IEC 61000-4-6:2013
- IEC 61000-4-8:2009
- IEC 61000-4-11:2020
- ETSI EN 301 489-1 V2.2.3 (2019-11)
- ETSI EN 301 489-3 V2.1.1 (2019-03)
- ETSI EN 301 489-17 V3.2.4 (2020-09)
- ETSI EN 300 328 V2.2.2 (2019-07)
- ETSI EN 300 330 V2.1.1 (2017-02)
- EN 62497:2010

2. The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

Technical documentation required based on harmonized standard BS EN IEC 63000.

Kevin Huang
Director, Systems Engineering
Elo Touch Solutions, Inc.



16 May 2022

FCC Declaration of Conformity

Per FCC 47 CFR FCC Part15 subpart B Section 2.1077(a)
In accordance with FCC Rules and Regulations

Model Number: KIT-NFC-LF/HF- EDGE CONNECT

Equipment Category: Information Technology and Telecommunications Equipment

Equipment Class: Commercial and Light Industrial

Product Name: NFC

Manufacturer: Elo Touch Solutions, Inc.
670 N. McCarthy Blvd.
Suite 100
Milpitas, CA 95035
www.elotouch.com

Trademark:



Declaration:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation

Kevin Huang
Director, Systems Engineering
Elo Touch Solutions, Inc.

无线电发射设备
Radio Transmission Equipment
型号核准证
Type Approval Certificate

美国 ELO TOUCH SOLUTIONS, INC.:

根据《中华人民共和国无线电管理
In accordance with the provisions on the Radio
条例》，经审查，下列无线电发射设备
Regulations of the People's Republic of China , the following
符合中华人民共和国无线电管理规定和
radio transmission equipment , after examination , conforms
技术标准，其核准代码为：CMIIT ID: 2021DJ17185
to the provisions with its CMIIT ID:

有效期：五年
Validity



Scaled by issuing authority

2021年12月22日
Year Month Date

编号: 2021-17185
Number

设备名称: 蓝牙设备
Equipment Name

设备型号: KIT-NFC-LF/HF-EDGE CONNECT
Equipment Type

主要功能: 数据传输
Main Functions

调制方式: GFSK
Modulation Mode

主要技术参数及其指标值:
Main Technical Parameters

频率范围: 2400-2483.5MHz
Frequency Range

频率容限: $\leq 20\text{ppm}$
Frequency Tolerance

占用带宽: $\leq 2\text{MHz}$
Occupied Bandwidth

发射功率: $\leq 20\text{dBm (EIRP)}$
Transmitting Power

杂散发射限值: $\leq -30\text{dBm}$
Spurious Emission Limits



Certificate

of
Radio Equipment in JAPAN

No: 201-210845 / 00

Telefication, operating as Conformity Assessment Body (CAB ID Number: 201) with respect to Japan, declares that the listed product complies with the Technical Regulations Conformity Certification of Specified Radio equipment (ordinance of MPT N° 37,1981)

Product description: **NFC**
Trademark: **Elo**
Type designation: **KIT-NFC-LF/HF-EDGE CONNECT**

Manufacturer: **Elo Touch Solutions, Inc.**
Address: **670 N. McCarthy Blvd., Suite 100, Milpitas, CA 95035, USA**
City: **Milpitas**
Country: **USA**

This certificate is granted to:

Name: **Elo Touch Solutions, Inc.**
Address: **670 N. McCarthy Blvd., Suite 100, Milpitas, CA 95035, USA**
City: **Milpitas**
Country: **USA**

This certificate has THREE Annexes.

Apeldoorn, 30 November 2021

CAB

David Chen

David Chen
Product Assessor



laboratory

certification

approvals

- The validity of this Certificate is limited to products, which are equal to the one examined in the type-examination
- When the manufacturer (or holder of this certificate) is placing the product on the Japanese market, the product must be affixed with the following Specified Radio Equipment marking:



Remarks and observations

The following conditions are applicable:

Antennas for Bluetooth:
PCB antenna, max gain of 3.96 dBi at 2.4 GHz

Documentation lodged for this type-examination

Test Reports:

- DEKRA Testing and Certification (Suzhou) Co., Ltd. : 2170685R-RF-JP-P01V02, 29 November 2021

Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Antenna specifications
- Internal photos
- External photos
- Manual
- Production quality
- Test setup photos

Technical Standards and Specifications

The product shows no non-compliances with:

- Equipment Radio Regulations: 2008 (including amendments)

Chapter I, General Provisions
Chapter II, Transmitting equipment
Chapter III, Receiving Equipment
Chapter IV, section 4.17 article 49.20

Radio equipment specified in:
Item 19, Paragraph 1, Article 2

Technical features and characteristics

The product includes the following features and characteristics:

Bluetooth LE

- Operating frequency range: 2402-2480 MHz (40 channels)
- ITU designation: 1M25 F1D
- Maximum output power: 2 mW rated

Telefication, Wilmersdorf 50, 7327 AC Apeldoorn, The Netherlands
Tel: +31 88 998 3600

The product as described in this Certificate includes the following type designations:

- Product description: NFC
- Trademark: Elo
- Type designation: KIT-NFC-LF/HF-EDGE CONNECT

Telefication, Wilmersdorf 50, 7327 AC Apeldoorn, The Netherlands
Tel: +31 88 998 3600

Masahiro Tsumura

差出人: aplimgr@vcci.jp
送信日時: 2022年5月13日金曜日 17:17
宛先: Masahiro Tsumura
件名: [VCCI適合確認電子届出]受理証明書

適合確認届出

適合確認届出を受理しました。

届出番号:2022096870
受理番号:2022067994

<届出者情報>

<会員情報>

会員番号:797

会社名:タッチパネル・システムズ株式会社

所在地:神奈川県横浜市港北区新横浜 1-19-20 SUN HAMADA BLDG2F

<届出責任者>

部署名:製品企画部

氏名:津村 昌弘

E-mail:masahiro.tsumura@elotouch.com

<届出担当者>

所在地:横浜市港北区新横浜 1-19-20SUN HAMADA BLDG.2F

部署名:製品企画部

氏名:津村

TEL:045-478-2161

FAX:045-478-2180

E-mail:masahiro.tsumura@elotouch.com

<受理通知受信者>

部署名:製品企画部

E-mail:masahiro.tsumura@elotouch.com

適用規程:VCCI 32-1

届出種別:新規

一般的な機器の名称:NFC リーダー
機器の種別と分類記号:クラス B / 分類記号 m2
型式名(モデル No.):Elo Touch Solutions
KIT-NFC-LF/HF-EDGE CONNECT
<販売ブランド(1)>

販売ブランド業者名:
会員番号:
販売ブランド業者の型式名:
<販売ブランド(2)>

販売ブランド業者名:
会員番号:
販売ブランド業者の型式名:
<販売ブランド(3)>

販売ブランド業者名:
会員番号:
販売ブランド業者の型式名:
<販売ブランド(4)>

販売ブランド業者名:
会員番号:
販売ブランド業者の型式名:
<販売ブランド(5)>

販売ブランド業者名:
会員番号:
販売ブランド業者の型式名:
試験機関の会員番号:1153 DEKRA Testing and Certification Co., Ltd.
試験機関の名称:
<試験設備等登録番号>
1. 1GHz 以下放射妨害波測定:R-12341 (10m)
2. 1GHz 超放射妨害波測定:G-10041 (3m)
3. 電源ポート伝導妨害波測定:C-12553
4. 有線通信ポート等の伝導妨害波測定:T-11531
5. 第 15 条による試験所:
6. 設置場所で試験をした:
試験実施日:2021-11-05
試験報告書番号:2170685R-IT-JP-P01V01
変更/追加理由:

VCCI コメント:

一般財団法人 VCCI 協会

URL :

<https://nam02.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.vcci.jp%2F&data=05%7C01%7Cmasahiro.tsumura%40elotouch.com%7Cd69407cddc6b452744e408da34b903f7%7C5a057f852a504ea9b91e4e8ec4b2e549%7C1%7C0%7C637880266506656802%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6lk1haWwiLCJXVCi6Mn0%3D%7C3000%7C%7C%7C&sdata=4qdoPf8JOEgv%2BDatXVmnFhTrAYicQ0Jcc0JV3mUWJus%3D&reserved=0>

E-mail : aplimg@vcci.jp