



Declaration of Compliance for Elo Touch Controllers

Date: February 28, 2023

**Product: Controllers (Model numbers beginning with CTR)
See attached list of applicable part numbers**

Elo Touch Solutions Inc. ("Elo") hereby certifies to the best of its knowledge the following about the above Elo product(s):

RoHS:

The products meet the substance restrictions of Article 4 of EU Directive 2011/65/EU (and all its current amendments including Directive 2015/863). The following exemptions are claimed, see attached list of part numbers for details:

7(a): Lead in high melting temperature type solders

7(c)-I: Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezo electronic devices, or in a glass or ceramic matrix compound.

The products meet the substance restrictions of UK SI 2012 No.3032. The following exemptions are claimed, see attached list of part numbers for details:

19: Lead in high melting temperature type solders

21: Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezo electronic devices, or in a glass or ceramic matrix compound.

中国电子电气产品环境信息
China EEP Environmental Information

Controllers	有毒有害物质或元素 Hazardous Substance					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr6)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
印刷电路板 (PCB)	O	O	O	O	O	O
CTR-3200 连接器 (Connector for CTR-3200 models only)	X	O	O	O	O	O
焊料 (Solder)	O	O	O	O	O	O
电阻 (Resistors)	X	O	O	O	O	O
电容器, 二极管, 等等 (Capacitors, Diodes, etc)	O	O	O	O	O	O
集成电路 (ICs)	X	O	O	O	O	O
标签 (Label)	O	O	O	O	O	O

本表格依据 SJ/T 11364 的规定编制。

This table is prepared in accordance with the provisions of SJ/T 11364.

O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

Indicates that said hazardous substance contained in all homogenous materials for this part is below the limit requirement of GB/T 26572.

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。

Indicates that said hazardous substance contained in at least one of the homogenous materials used for this part is above the limit requirement of GB/T 26572.

Applicable EPUP Symbol (for China SJ/T 11364 “China RoHS”):



REACH:

The products meet the substance restrictions of Article 67 of EU Directive 1907/2006 (REACH Annex XVII).

Some products do contain a reportable amount of the January 17 2023 published Candidate List of 233 substances of very high concern for Authorisation (REACH “SVHC” list):


SVHC CAS#	Model(s)	Article containing the substance	Quantity of Articles in product/model	Unit mass of article (g)	Percent mass of SVHC in article
119313-12-1	CTR-8230 CTR-8250 CTR-8251 CTR-8252 CTR-8351 CTR-8356	IC	1	TBD	5%
13560-89-9 (Dechlorane plus)	CTR-2701 CTR-2510 CTR-2515 CTR-2520 CTR-2521	Transformer core	1	TBD	1.1%
19438-60-9	CTR-8230 CTR-8250	Diode	1	TBD	8.1%
71868-10-5	ALL	Shipping carton label	2	TBD	0.7%
71868-10-5	CTR-8200	Printed circuit board	1	TBD	0.24%
71868-10-5	CTR-8211	Printed circuit board	1	TBD	0.15%
7439-92-1 (Lead)	CTR-3200	Transistor die attach	2	0.0014	95%
7439-92-1 (Lead)	CTR-3200 CTR-8230 CTR-8250 CTR-8251 CTR-8350 CTR-9xxx	Voltage regulator IC die attach	1	0.0014	95%
80-05-7 (BPA)	CTR-8230 CTR-8250 CTR-8251 CTR-8252 CTR-8350 CTR-8351	IC epoxy	1	TBD	1%
1303-86-2 (Diboron trioxide)	CTR-9xxx	Crystal	1	0.60	0.28%

12626-81-2 (Lead Titanium Zirconium Oxide)	CTR-2216	Crystal ceramic resonator	1	0.60	14.04%
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PERSISTENT ORGANIC POLLUTANTS (POP):

The products meet the substance restrictions of Article 3 of EU Regulation 2019/1021 on Persistent Organic Pollutants.

CALIFORNIA PROP 65:

	<p>WARNING This product can expose you to chemicals including lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov</p>
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PACKAGING

The products' packaging complies with the substance restrictions of Annex 11 of the European Directive 94/62/EC On Packaging and Packaging Waste.

SAFETY:

The products have UL "Recognized Component" certification to the following safety standards:

UL 60950-1 2nd Edition under Category Code NWGQ2

CSA 22.2 No. 60950-1-07 2nd edition under Category Code NWGQ8

Elo's UL file number is E162681. The certification can be reviewed at UL's online certifications directory at <http://www.ul.com/database>.

The products have TUV "Type Approval" certification to the following safety standards:

EN 62368-1:2014+A11.

The TUV certificate number is R50281753. The certification can be reviewed at TUV's online certifications directory at <http://www.certipedia.com>.



This Elo Declaration of Compliance is subject to the Elo Terms and Conditions of Sale (located at the following website: <https://www.elotouch.com/terms-of-sale>) and in no case shall Elo be liable for any incidental, indirect or consequential damages arising out of the sale, resale, or misuse of Elo products. Users of Elo products should make their own evaluation to determine the suitability of each such product for the specific application and to establish safe handling and installation procedures.

Regards,

A handwritten signature in blue ink, appearing to read "Vincent Pallaver".

Vincent Pallaver
Components Engineering Compliance Manager
Elo Touch Solutions, Inc.



APPLICABLE PART NUMBERS

Elo Part Number	Description	EU RoHS Exemption	UK RoHS Exemption
E329179	CTR-221800-AT-RSU-00-R	7(c)-I	21
E448637	CTR-221800-AT-RSU-01-R	7(c)-I	21
E910748	CTR-221800-AT-RSU-02-R	7(c)-I	21
E816880	CTR-221800-AT-RSU-05-R	7(c)-I	21
E286940	CTR-251500-IT-USB-00-R	7(c)-I	21
E156921	CTR-252100-IT-USB-00-R	7(c)-I	21
D68054-000	CTR-270100-IT-RSU-00R	7(c)-I	21
E441675	CTR-270100-IT-RSU-02-R	7(c)-I	21
E990133	CTR-270100-IT-RSU-05-R	7(c)-I	21
E921253	CTR-270100-IT-RSU-08-R	7(c)-I	21
E464202	CTR-270100-IT-RSU-10-R	7(c)-I	21
E910549	CTR-270100-IT-RSU-11-R	7(c)-I	21
E437751	CTR-320004-IT-RSU-001-R	7(c)-I, 7(a)	19,21
E938262	CTR-320005-IT-RSU-001-R	7(c)-I, 7(a)	19,21
E938459	CTR-320006-IT-RSU-001-R	7(c)-I, 7(a)	19,21
E205641	CTR-320007-IT-RSU-001-R	7(c)-I, 7(a)	19,21
E205846	CTR-320008-IT-RSU-001-R	7(c)-I, 7(a)	19,21
E206040	CTR-320009-IT-RSU-001-R	7(c)-I, 7(a)	19,21
E053303	CTR-4000-CT-USB-01-R	7(c)-I	21
E000378	CTR-7002FS-AP-USB-01-R	7(c)-I	21
E199420	CTR-820000-TP-USB-00-R	7(c)-I	21
E199621	CTR-820000-TP-USB-01-R	7(c)-I	21
E552602	CTR-820000-TP-USB-02-R	7(c)-I	21
E944723	CTR-820000-TP-USB-03-R	7(c)-I	21
E584831	CTR-821005-TP-RIU-05-000-R	7(c)-I	21
E920946	CTR-821005-TP-RIU-05-001-R	7(c)-I	21
E921273	CTR-821005-TP-RIU-05-002-R	7(c)-I	21
E088236	CTR-821005-TP-RIU-05-003-R	7(c)-I	21
E144282	CTR-821005-TP-RIU-05-006	7(c)-I	21
E144547	CTR-821005-TP-RIU-05-007	7(c)-I	21
E145532	CTR-821005-TP-RIU-05-009-R	7(c)-I	21
E320618	CTR-821005-TP-RIU-05-014-R	7(c)-I	21
E424450	CTR-821005-TP-RIU-05-015	7(c)-I	21
E549613	CTR-821005-TP-RIU-05-016-R	7(c)-I	21
E523842	CTR-821005-TP-RIU-05-020-R	7(c)-I	21
E549819	CTR-821005-TP-RIU-05-021-R	7(c)-I	21
E785388	CTR-821005-TP-RIU-05-023-R	7(c)-I	21
E386794	CTR-821005-TP-RIU-05-033-R	7(c)-I	21
E447619	CTR-821005-TP-RIU-05-034-R	7(c)-I	21
E524998	CTR-821005-TP-RIU-06-000-R	7(c)-I	21
E205450	CTR-821006-TP-RIU-05-007-R	7(c)-I	21
E754351	CTR-821006-TP-RIU-06-000-R	7(c)-I	21
E957872	CTR-821007-TP-RIU-06-000-R	7(c)-I	21
E921618	CTR-821007-TP-USB-06-001-R	7(c)-I	21
E657346	CTR-821026-TP-RIU-06-000-R	7(c)-I	21
E416739	CTR-823006-TP-USB-01-R	7(c)-I, 7(a)	19,21
E695941	CTR-823007-TP-USB-00-R	7(c)-I, 7(a)	19,21
E702369	CTR-823007-TP-USB-01-R	7(c)-I, 7(a)	19,21
E529413	CTR-823007-TP-USB-02-R	7(c)-I, 7(a)	19,21
E711328	CTR-824000-TP-RIU-05-000-R	7(c)-I	21
E926248	CTR-824005-TP-RIU-05-000-R	7(c)-I	21
E914193	CTR-824011-TP-RIU-05-000-R	7(c)-I	21
E870492	CTR-824100-TP-RIU-05-000-R	7(c)-I	21
E114457	CTR-825000-TP-RIU-05-000-R	7(c)-I, 7(a)	19,21
E216804	CTR-825000-TP-RIU-05-002-R	7(c)-I, 7(a)	19,21
E359889	CTR-825000-TP-RIU-05-003-R	7(c)-I, 7(a)	19,21
E400918	CTR-825000-TP-RIU-05-004-R	7(c)-I, 7(a)	19,21



E403453	CTR-825000-TP-RIU-05-005-R	7(c)-l, 7(a)	19,21
E385636	CTR-825000-TP-RIU-05-008-R	7(c)-l, 7(a)	19,21
E634287	CTR-825000-TP-RIU-05-009-R	7(c)-l, 7(a)	19,21
E706230	CTR-825000-TP-RIU-05-011-R	7(c)-l, 7(a)	19,21
E950128	CTR-825000-TP-RIU-05-016-R	7(c)-l, 7(a)	19,21
E950329	CTR-825000-TP-RIU-05-017-R	7(c)-l, 7(a)	19,21
E357163	CTR-825000-TP-RSU-05-000	7(c)-l, 7(a)	19,21
E817075	CTR-825000-TP-RSU-05-015-R	7(c)-l, 7(a)	19,21
E664545	CTR-825084-TP-RIU-05-001-R	7(c)-l, 7(a)	19,21
E774974	CTR-825184-TP-RIU-05-000-R	7(c)-l, 7(a)	19,21
E775164	CTR-825184-TP-RSU-05-000-R	7(c)-l, 7(a)	19,21
E110371	CTR-825184-TP-RSU-05-001-R	7(c)-l, 7(a)	19,21
E152933	CTR-825284-TP-RSU-05-000-R	7(c)-l, 7(a)	19,21
E168632	CTR-826020-TP-RIU-05-003-R	7(c)-l	21
E235476	CTR-835000-TP-USB-01-R	7(c)-l, 7(a)	19,21
E402864	CTR-835100-TP-RIU-01-R	7(c)-l, 7(a)	19,21
E948009	CTR-835600-TP-RIU-01-R	7(c)-l, 7(a)	19,21
E137381	CTR-835620-TP-RIU-01-R	7(c)-l, 7(a)	19,21
E288963	CTR-920000-TP-USB-05-000-R	7(c)-l, 7(a)	19,21
E701970	CTR-920000-TP-USB-05-002-R	7(c)-l, 7(a)	19,21
E762616	CTR-920000-TP-USB-05-005-R	7(c)-l, 7(a)	19,21
E762822	CTR-920000-TP-USB-05-006-R	7(c)-l, 7(a)	19,21
E815505	CTR-920000-TP-USB-05-009-R	7(c)-l, 7(a)	19,21
E291807	CTR-920100-TP-RSU-05-000-R	7(c)-l, 7(a)	19,21
E932859	CTR-930000-TP-USB-05-000-R	7(c)-l, 7(a)	19,21
E407356	CTR-930000-TP-USB-05-001-R	7(c)-l, 7(a)	19,21
E816287	CTR-930000-TP-USB-05-008-5	7(c)-l, 7(a)	19,21
E861788	CTR-930000-TP-USB-05-009-R	7(c)-l, 7(a)	19,21
E291989	CTR-930100-TP-RSU-05-000-R	7(c)-l, 7(a)	19,21

REVISION HISTORY

Document Rev	ECO	Date	Description
A	ECO-16-0909	Jun 14, 2016	Initial release
B	ECO-16-1620	Dec 1, 2016	Added new part numbers. Updated Elo terms-of-sale URL
C	CO-18-2935	Apr 18, 2018	Minor clarifications to language Updates to latest released part number list & RoHS exemptions Update REACH SVHC declaration to July 7 2017 list.
D	CO-20-0815	May 27, 2020	Updated REACH SVHC declaration Updated part number list Added POP and CA Prop 65 declarations Removed RoHS Exemption 6c (lead in copper alloy has been removed from CTR-3200 controller connector mounting pins)
E	CO-21-0335	Jan 7, 2021	Updated REACH SVHC declaration to June 25 2020 list (209 substances)
F	CO-22-0547	Mar 24, 2022	Add UK RoHS declaration. Updated REACH SVHC declaration to latest list (July 8 2021 219 substances) Updated to latest safety standards.
G	CO-22-1139	June 28, 2022	Updated REACH SVHC declaration to latest list (January 17, 2022 223 substances)
H	CO-22-1492	September 6, 2022	Updated REACH SVHC declaration to latest list (June 10 2022 224 substances)
I	n/a	n/a	Intentionally skipped
J	CO-23-0438	February 28, 2023	Updated REACH SVHC declaration to latest list (January 17 2023 233 substances)