



REACH Certificate of Compliance

We hereby certifies that Yoctopuce has assessed the compliance of the product **Yocto-Thermocouple** (*THRMCP1*) with the requirements of EU chemicals regulation (EC) 1907/2006 (REACH). As a manufacturer of articles considered as *complex objects* by REACH regulation, Yoctopuce must determine whether a Candidate List of substances very high concern (SVHC) is present in a concentration above 0.1% weight by weight in any component used to build the product **Yocto-Thermocouple**. For any such substance, Yoctopuce has the obligation to communicate to its customers regarding the existence of the SVHC, and if applicable to provide information to allow safe use of the product in case there is any risk of exposure or release of the substance.

Yoctopuce has performed this assessment according to the methodology recommended by the IEC 63000:2016 standard. Yoctopuce has obtained from every manufacturers of components used to build the **Yocto-Thermocouple**, either directly or through an authorized reseller, a dated document that asserts the latest evaluation by the component manufacturer with respect to the Candidate List of SVHC. This assessment is repeated periodically to check for possible updates as the Candidate List evolves.

Based on the collected evidence, Yoctopuce certifies that the **Yocto-Thermocouple** is compliant with the requirements of EU chemicals regulation (EC) 1907/2006 (REACH), and informs its customers of the presence of substances of very high concern as follows:

EC number	CAS number	Substance name	SCIP registration
231-100-4	7439-92-1	Pb (Plomb / Lead)	3ba24d4e-6c31-4de0-a224-bd4b58d119eb

The use of lead is limited to the authorised RoHS exemptions as per European Directive 2011/65/UE. The presence of SVHC within electronic components does not impact the safe use of the product. The product should however be brought to the appropriate electronic waste collection point at end of life.

For all intents and purposes, the complete list of components and materials currently used is attached, with an indication of the date of assessment by the component manufacturer taken into account, and if any, the exact list of SVHC announced for each component. This document is therefore updated on a regular basis.

Yoctopuce keeps abreast of the legislative adaptations, in particular concerning the evolution of the REACH Substance of Very High Concern (SVHC) List. If need be, the products will be adapted according to the new standards.

Cartigny, 24 April 2023

Marc Vuilleumier Stückelberg
Partner



Exhaustive list of components and materials currently used to build the Yocto-Thermocouple

Component	Manufacturer	Type	Statement date	SVHC declared by manufacturer
ADS1115IDGSR	Texas Instruments	A/D converter	09 March 2021	none
AA2214QBS/D	Kingbright	Blue LED	13 May 2021	none
250X15W104MV4E	Johanson dielectrics	Capacitor	15 July 2020	none
C0603C102K5RACTU	Kemet	Capacitor	19 January 2021	none
C1608X6S1A106M080AC	TDK	Capacitor	25 June 2020	none
C2012X7R2E472K085AA	TDK	Capacitor	25 June 2020	none
CGA3E1X7S1C225K080AC	TDK	Capacitor	08 July 2021	none
885012206026	Wuerth Electronic	Capacitor	26 April 2022	none
885012206071	Wuerth Electronic	Capacitor	26 April 2022	none
ZX62-B-5PA(33)	Hirose	Connector	27 October 2020	none
691210910002	Wuerth Electronic	Connector	19 April 2021	EC #231-100-4: Lead, as per declared RoHS exemptions SCIP: 3ba24d4e-6c31-4de0-a224-bd4b58d119eb
INA216A1RSWR	Texas Instruments	Current sensor	02 March 2023	none
BAV199,215	Nexperia	Diode	01 February 2021	none
IS25LP064A-JKLE-TR	ISSI	Flash memory	14 August 2020	none
SELECT-10	Kester	Flux	12 October 2020	none
MCP1703T-3302E/CB	Microchip	LDO regulator	17 January 2022	none
TC2054-3.0VCTTR	Microchip	LDO regulator	17 January 2022	none
AMPMDFB-24.0000T	Abracon	MEMS Oscillator	17 January 2023	none
FR4-ENIG	Multi-cb	PCB	01 July 2020	none
PIC24FJ64GB002-I/ML	Microchip	Processor	17 January 2022	none
RN73R1JTTD4700B25	KOA speer electronics	Resistor	01 September 2020	none
ERJ-3BWFR062V	Panasonic	Resistor	25 May 2020	none
GWCR0603-100KFT5	TT electronics	Resistor	10 February 2023	none
GWCR0603-100RFT5	TT electronics	Resistor	10 February 2023	none
GWCR0603-10KFT5	TT electronics	Resistor	10 February 2023	none
GWCR0603-10MFT5	TT electronics	Resistor	10 February 2023	none
GWCR0603-1M0FT5	TT electronics	Resistor	10 February 2023	none
GWCR0603-47KFT5	TT electronics	Resistor	10 February 2023	none
GWCR0603-4K7FT5	TT electronics	Resistor	10 February 2023	none
04-7068-0000	Kester	SAC305 bar	12 October 2020	none
24-7068-7603	Kester	SAC305 wire	12 October 2020	none
MCP9804T-E/MC	Microchip	Sensor	17 January 2022	none
SB6N58-M500SI	KOKI	Solder paste	09 November 2020	none
KMR211NG LFS	C&K Components	Switch	01 August 2020	none
VC080505C150DP	AVX (Kyocera)	Varistor	20 January 2021	none