



REACH Certificate of Compliance

We hereby certify that Yoctopuce has assessed the compliance of the product **YoctoHub-Ethernet** (*YHUBETH1*) 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 **YoctoHub-Ethernet**. 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 manufacturer of components used to build the **YoctoHub-Ethernet**, 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 **YoctoHub-Ethernet** 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
231-100-4	7439-92-1	Pb (Plomb / Lead)

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, 4 November 2020

Marc Vuilleumier Stückelberg
Partner



Exhaustive list of components and materials currently used to build the YoctoHub-Ethernet

Component	Manufacturer	Type	Statement date	SVHC declared by manufacturer
AA2214QBS/D	Kingbright	Blue LED	20 August 2020	none
06031C103JAT2A	AVX (Kyocera)	Capacitor	25 June 2020	none
502R29W471KV3E-****-SC	Johanson dielectrics	Capacitor	15 July 2020	none
C0603C102K5RACTU	Kemet	Capacitor	01 July 2020	none
C0603C682K5RACTU	Kemet	Capacitor	01 July 2020	none
ESK108M6R3AG3AA	Kemet	Capacitor	01 July 2020	none
C1608X6S1A106M080AC	TDK	Capacitor	25 June 2020	none
C2012XR2E472K085AA	TDK	Capacitor	25 June 2020	none
CGA3E2C0G1H120J	TDK	Capacitor	25 June 2020	none
EMK107BB7225KA-T	Taiyo Yuden	Capacitor	27 October 2020	none
EMK316B7106KL-TD	Taiyo Yuden	Capacitor	27 October 2020	none
LMK107B7105KA-T	Taiyo Yuden	Capacitor	27 October 2020	none
LMK212BC6226MG-T	Taiyo Yuden	Capacitor	27 October 2020	none
860_040_573_004	Würth Electronic	Capacitor	15 September 2020	none
885_012_206_071	Würth Electronic	Capacitor	15 September 2020	none
ZX62-B-5PA(33)	Hirose	Connector	27 October 2020	none
90325-3010	Molex	Connector	04 November 2020	none
653_005_114_822	Würth Electronic	Connector	15 September 2020	none
7499210124A	Würth Electronic	Connector	15 September 2020	EC #231-100-4: Lead, as per declared RoHS exemptions
FAN4010L6X_F113	Fairchild (On Semiconductor)	Current sensor	25 June 2020	none
Ag9905MT	Silvertel	DC/DC converter	22 July 2020	EC #231-100-4: Lead, as per declared RoHS exemptions
PCA9554ABS	NXP semiconductor	Digital IC	25 June 2020	none
BAT54CWT1G	ON Semiconductor	Diode	26 June 2020	none
MMZ2012S102A	TDK	EMI filter	25 June 2020	none
IS25LP064A-JKLE-TR	ISSI	Flash memory	14 August 2020	none
SELECT-10	Kester	Flux	12 October 2020	none
AA2214ZGS	Kingbright	Green LED	20 August 2020	none
MCP1703T-3302E/CB	Microchip	LDO regulator	16 July 2019	none
MCP1703T-3302E/MC	Microchip	LDO regulator	16 July 2019	none
ASFLMB-25.000MHZ-LR-T	Abrakon	MEMS Oscillator		
ENC424J600-I/ML	Microchip	Network module	16 July 2019	none
DMP3098L-7	Diodes Incorporated	P-FET	25 June 2020	none
SIA923AEDJ-T1-GE3	Vishay	P-FET	27 October 2020	none
FR4-ENIG	TOM-iC	PCB	26 June 2020	none
PIC24FJ256DA206-I/MR	Microchip	Processor	16 July 2019	none
AA2214SURSK	Kingbright	Red LED	20 August 2020	none
RK73H1JTTD10R0F	KOA speer electronics	Resistor	01 September 2020	none
RK73H1JTTD1242F	KOA speer electronics	Resistor	01 September 2020	none
ERJ-PA3F2490V	Panasonic	Resistor	31 August 2020	none
AC0603FR-074K7L	Yageo	Resistor	30 June 2020	none
PE0603FRF470R1L	Yageo	Resistor	30 June 2020	none
RC0603FR-07100KL	Yageo	Resistor	30 June 2020	none
RC0603FR-07100RL	Yageo	Resistor	30 June 2020	none
RC0603FR-0710KL	Yageo	Resistor	30 June 2020	none
RC0603FR-07180RL	Yageo	Resistor	30 June 2020	none
RC0603FR-071K5L	Yageo	Resistor	30 June 2020	none
RC0603FR-071KL	Yageo	Resistor	30 June 2020	none
RC0603FR-071ML	Yageo	Resistor	30 June 2020	none
RC0603FR-0747KL	Yageo	Resistor	30 June 2020	none
RC0603FR-0749R9L	Yageo	Resistor	30 June 2020	none
RT0603BRD07470RL	Yageo	Resistor	30 June 2020	none
04-7068-0000	Kester	SAC305 bar	12 October 2020	none
24-7068-7603	Kester	SAC305 wire	12 October 2020	none
SB6N58-M500SI	KOKI	Solder paste	27 May 2020	none
KMR211NGLFS	C&K Components	Switch	01 August 2020	none