

REACH Certificate of Compliance

We hereby certify that Yoctopuce has assessed the compliance of the product **YoctoHub-GSM-4G** (YHUBGSM5) 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-GSM-4G**. 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-GSM-4G**, 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-GSM-4G** 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

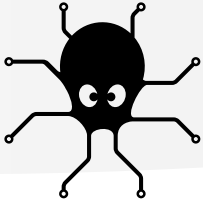
The use of lead is limited to the authorised RoHS exemptions as per European Directive 2011/65/UE. The presence of SVHC within electronic components does not impact the safe use of the product. The product should however be brought to the appropriate electronic waste collection point at end of life.

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 August 2026

Marc Vuilleumier Stükelberg
Partner

**Exhaustive list of components and materials currently used to build the YoctoHub-GSM-4G**

Component	Manufacturer	Type	Statement date	SVHC declared by manufacturer
ANT-LTE-MON-SMA	Linx Technologies	Antenna	25 August 2020	none
150224BS73100A	Würth Elektronik	Blue LED	04 February 2026	none
06031C103JAT2A	AVX (Kyocera)	Capacitor	20 January 2021	none
C0603C102K5RACTU	Kemet	Capacitor	19 January 2021	none
CBR06C270F5GAC	Kemet	Capacitor	19 January 2021	none
FC0V224ZFTBR24	Kemet	Capacitor	19 January 2021	none
C1608X6S1A106M080AC	TDK	Capacitor	14 June 2023	none
C2012X7R2E472K085AA	TDK	Capacitor	14 June 2023	none
C2012X7S1A226M125AC	TDK	Capacitor	14 June 2023	none
CGA3E1X7S1C225K080AC	TDK	Capacitor	14 June 2023	none
CGA3E2C0G1H120J080AA	TDK	Capacitor	14 June 2023	none
885012206026	Würth Elektronik	Capacitor	04 February 2026	none
885012206071	Würth Elektronik	Capacitor	04 February 2026	none
ZX62-B-5PA(33)	Hirose	Connector	27 October 2020	none
47603-0001	Molex	Connector	04 November 2020	none
90325-3010	Molex	Connector	04 November 2020	none
1909763-1	TE Connectivity	Connector	04 February 2026	none
653005114822	Würth Elektronik	Connector	19 April 2021	none
691210910002	Würth Elektronik	Connector	19 April 2021	EC #231-100-4: Lead, as per declared RoHS exemptions SCIP: 3ba24d4e-6c31-4de0-a224-bd4b58d119eb
SN74AVC4T774RGYR	Texas Instruments	Convert. de bus	09 March 2021	none
FAN4010IL6X-F113	Fairchild (On Semiconductor)	Current sensor	26 June 2020	none
PCA9554ARGVR	Texas Instruments	Digital IC	25 June 2025	none
SBAT54CLT1G	ON Semiconductor	Diode	26 June 2020	none
CSI-SGFB-100-UFFR	Linx Technologies	Electric wire	25 August 2020	none
IS25LP064A-JKLE-TR	ISSI	Flash memory	14 August 2020	none
SELECT-10	Kester	Flux	12 October 2020	none
150224GS73100A	Würth Elektronik	Green LED	13 May 2026	none
MCP1703T-3302E/CB	Microchip	LDO regulator	17 January 2022	none
TPS7A8300RGWR	Texas Instruments	LDO regulator	09 March 2021	none
DMN67D8L-7	Diodes Incorporated	N-FET	02 November 2020	none
SIA906EDJ-T1-GE3	Vishay	N-FET	25 April 2023	none
SARA-R412M-02B-03	Ublox	Network module		
DMP3125L-7	Diodes Incorporated	P-FET	01 January 2023	none
SIA421DJ-T1-GE3	Vishay	P-FET	25 April 2023	none
SIA923AEDJ-T1-GE3	Vishay	P-FET	25 April 2023	none
FR4-ENIG	TOM-IC	PCB	26 June 2020	none
PIC24FJ256DA206-I/MR	Microchip	Processor	17 January 2022	none
ABS07-32.768KHZ-7-T	Abracon	Quartz	19 January 2021	none
MCP7940NT-I/MNY	Microchip	Real-time clock	17 January 2022	none
AA2214SURSK	Kingbright	Red LED	13 May 2021	none
RN73R1JTTD4700B25	KOA speer electronics	Resistor	20 September 2024	none
RN73R1JTTD49R9B25	KOA speer electronics	Resistor	20 September 2024	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
GWCR0603-1K0FT5	TT electronics	Resistor	10 February 2023	none
GWCR0603-1K5FT5	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
GWCR0603-4R7FT5	TT electronics	Resistor	10 February 2023	none
GWCR0603-820KFT5	TT electronics	Resistor	10 February 2023	none
MCT0603020000ZP500	Vishay	Resistor	16 January 2026	EC #231-100-4: Lead, as per declared RoHS exemptions
PE0603FRF470R1L	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	09 November 2020	none
KMR211NGLFS	C&K Components	Switch	01 August 2020	none
418121270801	Würth Elektronik	Switch	19 April 2021	none