



## Material declaration form

General Information			
IPC	1752	Version	2
Form type*	Distribute		
Sectionals*	Material information	Subsectionals*	A-D
	Manufacturing information		*: Required Field

Supplier Information			
Company name*	STMicroelectronics	Response Date*	2026-02-28
Contact name*	Refer to Supplier Comment section		Refer to Supplier Comment section
Contact phone*	Refer to Supplier Comment section	Contact email*	Refer to Supplier Comment section
Authorized representative*	Material Declaration champion	Representative title	Material Declaration Champion
Representative phone*	Refer to Supplier Comment section	Representative email*	Refer to Supplier Comment section
Supplier comment	Online Technical Support - STMicroelectronics : <a href="http://www.st.com/web/en/support/support.html">http://www.st.com/web/en/support/support.html</a>		

**Uncertainty statement**

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**Legal statement**

Supplier acceptance\* true Legal declaration\* Standard

Supplier certifies that it gathered the provided information and such information is true and correct to the best of its knowledge and belief, as of the date that Supplier completes this form. Supplier acknowledges that Company will rely on this certification in determining the compliance of its products. Company acknowledges that Supplier may have relied on information provided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its suppliers have provided certifications regarding their contributions to the part(s), and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier enter into a written agreement with respect to the identified part(s), the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of that agreement, will be the sole and exclusive source of the Supplier's liability and the Company's remedies for issues that arise regarding information the Supplier provides in this form.



Product				
Mfr item number	Mfr item name	Version	Manufacturing site	date
STM32WB35CCU6A STM32WB35CCU6ATR	7XMI*495XXXX	B	998Z	29-03-2023
	Amount	UoM	Unit type	ST ECOPACK Grade
	100	mg	Each	ECOPACK® 2
<b>Identity</b>	<b>Authority</b>			
Comment	ECOPACK® 2 is STMicroelectronics trade name for ROHS compliant device without Brominated and Chlorinated compound (900ppm) and without Antimony oxide flame retardant ( in each organic material)			

Manufacturing information			
J-STD-020 MSL rating	Classification temperature	Number of reflow cycles	
3	260	3	
Bulk solder termination	Terminal plating	Terminal base alloy	Comment
licable; if coating is used or other bulk terr	Tin (Sn), immersion	Copper Alloy	

Package designator	Package size	Number of instances	Shape
QFN	7x7x0.55	48	flat
Comment	Package : A0B9 UFQFPN 7X7X0.55 48L 0.5 MM PITCH 8202210		

QueryList : RoHS Directive 2011/65/EU- 8 June 2011 – Annex II amended by Delegated Directive 2015/863 - 31 March 2015		Response
1 - Product(s) meets EU RoHS requirement without any exemptions		true
2 - Product(s) meets EU RoHS requirements except lead in solder and this usage may qualify under the lead in solder '7b' exemption (other selected exemptions may apply)		false
3 - Product(s) meets EU RoHS requirements by application of the selected exemption(s)		false
4 - Product(s) does not meet EU RoHS requirements and is not under exemptions		false
Exemption Id.	Description	

QueryList : ELV directive : 2000/53/EC amended 2020/363_March 2020		Response
1 - Product(s) meets EU ELV requirements without any exemptions		true
2 - Product(s) meets EU RoHS requirements by application of the selected exemption(s)		false
Exemption Id.	Description	

QueryList : California Prop65 list, dated 3rd January 2025				Response
1 - The product does not contain identified substance from California Prop 65 List, no exposure to consumers is foreseen				false
2 - The product is containing below substance(s) from California Prop 65 List, no exposure to consumers is foreseen				true
Substance	amount in product (mg)	Application	ppm in product	
Nickel	1.582	Leadframe (C7025+Ag)	15892	

QueryList : Chinese RoHS , references : SJT 11364 – 2014 and GBT 26572 – 2014					Response
<b>QUERY</b>					<b>Response</b>
1 - Product(s) requires marking for the presence of restricted substances and must be marked with an Environmental Protection Use Period under China's Measures for Administration of the control of pollution by Electronic Information Products					false
2 - Product(s) is eligible for marking with the e code under China's Measures for Administration of the control of pollution by Electronic Information Products					false
<b>Hazardous substance</b>					
Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Hexavalent Chromium (Cr VI)	PBB & PBDE	
O	O	O	O	O	

QueryList : REACH-4th February 2026				Response
1 - Product(s) does not contain REACH Substances Of Very High Concern above the limits per the definition within REACH				true
CategoryLevel_Name	CategoryLevel_Threshold	amount in product (mg)	Application	ppm in product
2 - Product(s) does not contain REACH Substances Of Very High Concern in any Embedded article nor Homogeneous Material above the limits per the definition within REACH				true
CategoryLevel_Name	CategoryLevel_Threshold	Amount in embedded article / Homogeneous material (mg)	Application - article / Homogeneous material	ppm in article /Homogeneous material



QueryList : Responsible metals sourcing	Response
The component is containing at least one of the following metals : Cobalt , Gold , Tantalum , Tin , Tungsten.	true
The following metals are present is the component :	<b>Cobalt, Gold, Tantalum, Tin, Tungsten.</b>

QueryList : Korea Chemical Control Act_ 27 Dec 2017 update	Response
The Product does contain at least one of the substances listed in Chemical Control Act	false

QueryList : China GB 33372-2020 Limit standard for volatile organic compounds content in adhesives - 4 March 2020 application date 1st December 2020	Response
The product contains adhesives identified under GB 33372	False

QueryList:Stockholm Convention Persistent Organic Pollutants (POP)	Response
Product is compliant with Annex A, B and C of Stockholm Convention Persistent Organic Pollutants	true

QueryList: EU Ship Recycling Regulation No. 1257/2013	Response
Product contains hazardous materials listed in Annex II of EU Ship Recycling Regulation No.1257/2013 and 2009/16/EC Directive	False

Other Fluorinated Substances	Response
<b>QUERY</b>	<b>Response</b>
The product is containing fluorinated substance.	False
<b>Substance Name, CAS</b>	

BPA Declaration	Response
Product does not contain Bisphenol A (Isopropylidenediphenol)	True

Montreal Protocol	Response
Product does not contain Ozone Depleting Substances based on Annex I to Annex VII of EU REGULATION (EC) No 1005/2009	True

Environmental Protection Agency:Toxic Substances Control Act (TSCA). Section 6(h)	Response
Product does not contain Phenol, isopropylated, phosphate (3:1)	True



Material Composition Declaration : note : Substance present with less 0.001mg will not be declared in this document						Mfr Item Name	7XMI*495XXXX		99.5493		6000000.0	1000000.0
Homogeneous material	Material group	Mass	Unit of measure	Level	Substance category	Substance	CAS	Exempt	Mass	Unit of measure	Concentration in homogeneous material (ppm)	Concentration in product (ppm)
Die or dies	M-011 Other inorganic materials	8.602	mg	supplier	die	Silicon (Si)	7440-21-3		7.941	mg	923157	79770
				supplier	metallization	Aluminium (Al)	7429-90-5		0.032	mg	3720	321
				supplier	metallization	Copper (Cu)	7440-50-8		0.280	mg	32551	2813
				supplier	metallization	Cobalt (Co)	7440-48-4		0.001	mg	116	10
				supplier	metallization	Tantalum (Ta)	7440-25-7		0.091	mg	10579	914
				supplier	metallization	Titanium (Ti)	7440-32-6		0.003	mg	349	30
				supplier	metallization	Tungsten (W)	7440-33-7		0.002	mg	233	20
				supplier	Passivation	Silicon Nitride	12033-89-5		0.071	mg	8254	713
				supplier	Passivation	Silicon Oxide	7631-86-9		0.181	mg	21042	1818
Glue Epoxy (EN4900GC)	M-011 Other inorganic materials	2.763	mg	supplier	Organic Compound	Acrylic resin	Proprietary		0.231	mg	83744	2324
				supplier	Organic Compound	Polybutadiene c	Proprietary		0.150	mg	54187	1504
				supplier	Organic Compound	Butadiene copo	Proprietary		0.027	mg	9852	273
				supplier	Organic Compound	Epoxy resin	Proprietary		0.068	mg	24631	684
				supplier	Organic Compound	Acrylate	Proprietary		0.150	mg	54187	1504
				supplier	Organic Compound	Peroxide	Proprietary		0.014	mg	4926	137
				supplier	Organic Compound	Additive	Proprietary		0.027	mg	9852	273
				supplier	Metals	Silver (Metal po	7440-22-4		2.096	mg	758621	21057
				supplier	Organic Compound	Epoxy Resin A	Proprietary		0.594	mg	19837	5963
Encapsulation (G770)	M-011 Other inorganic materials	29.924	mg	supplier	Organic Compound	Epoxy Resin B	Proprietary		0.594	mg	19837	5963
				supplier	Organic Compound	Phenol Resin A	Proprietary		0.594	mg	19837	5963
				supplier	Organic Compound	Phenol Resin B	Proprietary		0.594	mg	19837	5963
				supplier	Glass	Silica (Amorpho	60676-86-0		21.918	mg	732452	220169
				supplier	Glass	Silica (Amorpho	7631-86-9		4.871	mg	162767	48926
				supplier	Metallic Compound	Metal Hydroxide	Proprietary		0.594	mg	19837	5963
				supplier	Additives	Carbon Black	1333-86-4		0.167	mg	5995	1682
				supplier	Metals	Gold	7440-57-5		0.690	mg	1000000	6929
				supplier	Metals	Tin	7440-31-5		3.693	mg	1000000	37094
Bonding Wire (Au)	Bonding Wire	0.690	mg	supplier	Metals	Nickel	7440-02-0		1.582	mg	29365	15893
Plating (Tin)	Metals	3.693	mg	supplier	Metals	Silicon	7440-21-3		0.350	mg	6500	3518
Leadframe (C7025+Ag)	Metals	53.878	mg	supplier	Metals	Magnesium	7439-95-4		0.084	mg	1565	847
				supplier	Metals	Silver	7440-22-4		3.394	mg	63000	34097
				supplier	Metals	Copper	7440-50-8		48.467	mg	899570	486865