



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*	2025-03-10
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*	MDG CHAMPION	Representative title	MDGMaterial Declaration champion
Representative phone*	Refer to Supplier Comment section	Representative email*	Refer to Supplier Comment section
Supplier comment	Online Technical Support - STMicroelectronics : http://www.st.com/web/en/support/support.html		

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
STM32WBA62CGU6	67MI*4B0XXXZ	A	998Z	2025-03-10
	Amount	Unit of measure	Unit type	ST ECOPACK grade
	102	mg	Each	ECOPACK® 2

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	
Not Applicable	Tin (Sn), matte	Copper Alloy	0	
Package designator	Package size	Number of instances	Shape	
QFN	7x7	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 : REACH-21st January 2025				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
,	#N/A			



Material Composition Declaration : note : Substance present with less 0.001mg will not be declared in this document						Mfr Item Name	67MI*4B0XXXZ		101.9980		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	4.631	mg	supplier	die	Silicon (Si)	7440-21-3		4.377	mg	945164	42955
				supplier	metallization	Aluminium (Al)	7429-90-5		0.028	mg	6053	275
				supplier	metallization	Copper (Cu)	7440-50-8		0.064	mg	18037	820
				supplier	metallization	Nickel (Ni)	7440-02-0		0.001	mg	121	5
				supplier	metallization	Tantalum (Ta)	7440-25-7		0.015	mg	3147	143
				supplier	metallization	Titanium (Ti)	7440-32-6		0.003	mg	726	33
				supplier	metallization	Tungsten (W)	7440-33-7		0.001	mg	121	5
				supplier	Passivation	Silicon Nitride	12033-89-5		0.020	mg	4358	198
				supplier	Passivation	Silicon Oxide	7631-86-9		0.103	mg	22273	1012
				supplier	Organic Compounds	Acrylic resin	Proprietary		0.047	mg	70000	463
Glue Epoxy (EN4900GC)	Other Organic Materials	0.674	mg	supplier	Organic Compounds	Polybutadiene derivative	Proprietary		0.013	mg	20000	132
				supplier	Organic Compounds	Butadiene copolymer	Proprietary		0.010	mg	15000	99
				supplier	Organic Compounds	Acrylate	Proprietary		0.036	mg	54000	357
				supplier	Organic Compounds	Epoxy resin	Proprietary		0.020	mg	30000	198
				supplier	Organic Compounds	Peroxide	Proprietary		0.005	mg	8000	53
				supplier	Organic Compounds	Additive	Proprietary		0.012	mg	18000	119
				supplier	Metals	Silver	7440-22-4		0.529	mg	785000	5192
				supplier	Organic Compounds	Epoxy Resin A	Proprietary		0.715	mg	21000	7017
Encapsulation (EME- G631BQ)	Other Organic Materials	34.050	mg	supplier	Organic Compounds	Epoxy Resin B	Proprietary		0.715	mg	21000	7017
				supplier	Organic Compounds	Phenol Resin	Proprietary		1.702	mg	50000	16703
				supplier	Glass	Silica(Amorphous)A	60676-86-0		26.899	mg	790000	263980
				supplier	Glass	Silica(Amorphous)B	7631-86-9		3.167	mg	93000	31080
				supplier	Organic Compounds	Metal Hydroxide	Proprietary		0.681	mg	20000	6683
				supplier	Organic Compounds	Carbon Black	1333-86-4		0.170	mg	5000	1668
				supplier	Metals	Copper	7440-50-8		0.449	mg	965500	4406
Bonding Wire (Cu)	Bonding Wire	0.465	mg	supplier	Metals	Palladium	7440-05-3		0.014	mg	31000	137
				supplier	Metals	Gold	7440-57-5		0.002	mg	3500	20
				supplier	Metals	Tin	7440-31-5		1.078	mg	1000000	10579
				supplier	Metals	Copper	7440-50-8		55.946	mg	917140	549039
Plating anode (Sn)	Other inorganic materials	1.078	mg	supplier	Metals	Nickel	7440-02-0		1.373	mg	22500	13474
				supplier	Metals	Silicon	7440-21-3		0.159	mg	2600	1560
Leadframe (C7025 + Ag)	Copper & its alloys	61.000	mg	supplier	Metals	Magnesium	7439-95-4		0.070	mg	1150	687
				supplier	Metals	Silver	7440-22-4		3.453	mg	56610	33887