



Materials Declaration Form


IPC Form Type *	1752 Distribute	Version	2
Sectionals *	Material Info Manufacturing Info	Subsectionals *	A-D

** : Required Field*

Supplier Information			
Company Name *	STMicroelectronics	Response Date *	2025-10-03
Company Unique ID	NL 008751171B01		
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 MD CHAMPION	Representative Title	MDG MD 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
Legal Statement	<p>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.</p>		

Product				
Mfr Item Number	Mfr Item Name	Version	Mfr Site	Date
ST25R300-AQET	JSMG*D3001MB	A	998Z	2025-10-03
	Amount	UoM	Unit type	ST ECOPACK Grade
	50.98	mg	Each	ECOPACK® 2
	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 Temp	Nbr of Reflow Cycles		 life.augmented
3	260	3		
bulk Solder Termination	Terminal Plating	Terminal Base Alloy	Comment	
Not Applicable; if coating is used or other bulk termination	Tin (Sn), immersion	Copper Alloy		

Package Designator	Size	Nbr of instances	Shape	
QFN	5X5X0.55	32	No lead	
Comment	Package : A0B8 UFQFPN 5X5X0.55 32L 0.5 MM PITCH 8202208			

QueryList : RoHS Directive 2011/65/EU-July 2011 – Annex II amended by Directive 2015/863-April 2015	
Query	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-27th June 2024				
Query				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

Material Composition Declaration :						Mfr Item Name	JSMG*D3001MB				5999999.0	1000000.0
note : Substance present with less 0.001mg will not be declared in this document												
Homogeneous Material	Material Group	Mass	UoM	Level	Substance Category	Substance	CAS	Exempt	Mass	UoM	Concentration in homogeneous material (ppm)	Concentration in product (ppm)
Die or dies	M-011 Other inorganic materials	1.613	mg	supplier	die	Silicon (Si)	7440-21-3		1.495	mg	926844	29324
				supplier	metallization	Aluminium (Al)	7429-90-5		0.014	mg	8679	275
				supplier	metallization	Copper (Cu)	7440-50-8		0.047	mg	29138	922
				supplier	metallization	Tantalum (Ta)	7440-25-7		0.017	mg	10539	333
				supplier	Passivation	Silicon Nitride	12033-89-5		0.009	mg	5580	177
				supplier	Passivation	Silicon Oxide	7631-86-9		0.031	mg	19219	608
Glue_EN4900GC_RESONAC	M-011 Other inorganic materials	0.217	mg	Supplier	Organic Compounds	Acrylic resin	Proprietary		0.015	mg	70000	298
				Supplier	Organic Compounds	Polybutadiene derivative	Proprietary		0.004	mg	20000	85
				Supplier	Organic Compounds	Butadiene copolymer	Proprietary		0.003	mg	15000	64
				Supplier	Organic Compounds	Acrylate	Proprietary		0.012	mg	54000	230
				Supplier	Organic Compounds	Epoxy resin	Proprietary		0.007	mg	30000	128
				Supplier	Organic Compounds	Peroxide	Proprietary		0.002	mg	8000	34
				Supplier	Organic Compounds	Additive	Proprietary		0.004	mg	18000	77
				Supplier	Metals	Silver	7440-22-4		0.170	mg	785000	3343
				Supplier	Organic Compounds	Epoxy Resin	Proprietary		0.952	mg	55000	18667
Mold Compound_EMC G700LA TYPE	M-011 Other inorganic materials	17.182	mg	Supplier	Organic Compounds	Phenol Resin	Proprietary		0.363	mg	21000	7127
				Supplier	Glass	Silica(Amorphous)A	60676-86-0		13.722	mg	800000	269147
				Supplier	Glass	Silica(Amorphous)B	7631-86-9		2.059	mg	119000	40389
				Supplier	Organic Compounds	Carbon Black	1333-86-4		0.087	mg	5000	1697
WIRE CU 0.8MIL EX1P_NMC	Bonding Wire	0.151	mg	Supplier	Metals	Copper	7440-50-8		0.146	mg	965500	2859
				Supplier	Metals	Palladium	7440-05-3		0.005	mg	31000	92
				Supplier	Metals	Gold	7440-57-5		0.001	mg	3500	10
Plating anode_Pure Tin_ASAHI	M-011 Other inorganic materials	0.719	mg	Supplier	Metals	Tin	7440-31-5		0.719	mg	1000000	14102
Leadframe_C7025+AG_HDS	Copper & its alloys	31.100	mg	Supplier	Metals	Copper	7440-50-8		28.523	mg	917140	559468
				Supplier	Metals	Nickel	7440-02-0		0.700	mg	22500	13725
				Supplier	Metals	Silicon	7440-21-3		0.081	mg	2600	1586
				Supplier	Metals	Magnesium	7439-95-4		0.036	mg	1150	702
				Supplier	Metals	Silver	7440-22-4		1.761	mg	56610	34533