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 ***	**2021-04-10**
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	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 omprehensive 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.		

Signature Not Verified

Digitally signed by MDF Champion
Date: 2021.10.04 17:29:00 +02:00

Product				
Mfr Item Number	**Mfr Item Name**	**Version**	**Mfr Site**	**Date**
ST25TV512C-AFF9	CBG9*TVIA0PD	A	994I	2021-04-10
	Amount	UoM	**Unit type**	**ST ECOPACK Grade**
	0.12	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**		
Not Applicable	Not Applicable	Not Applicable		
bulk Solder Termination	**Terminal Plating**	**Terminal Base Alloy**	**Comment**	
Not Applicable	Not Applicable	N/A		

Package Designator	**Size**	**Nbr of instances**	**Shape**	
CHP	0.954x0.853x0.120	4	No lead	
Comment	Package : B01N 75UM GOLD BUMPED DICE DM00249510			

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-8th July 2021	
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 : note : Substance present with less 0.001mg will not be declared in this document						**Mfr Item Name**	**CBG9*TVIA0PD**				2000001.0	999999.0
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	0.116	mg	supplier	die	Silicon (Si)	7440-21-3		0.100	mg	862069	810339
				supplier	metallization	Aluminium (Al)	7429-90-5		0.001	mg	8621	8103
				supplier	metallization	Copper (Cu)	7440-50-8		0.005	mg	43103	40517
				supplier	metallization	Tantalum (Ta)	7440-25-7		0.001	mg	8621	8103
				supplier	metallization	Titanium (Ti)	7440-32-6		0.001	mg	8621	8103
				supplier	Passivation	Silicon Nitride	12033-89-5		0.001	mg	8621	8103
				supplier	Passivation	Silicon Oxide	7631-86-9		0.007	mg	60345	56724
Bump	M-011 Other inorganic materials	0.007	mg	supplier	Bump metalization	Gold (Au)	7440-57-5		0.007	mg	1000000	60007