



Materials Declaration Form

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

** : Required Field*

Supplier Information			
Company Name *	STMicroelectronics	Response Date *	2021-02-08
Company Unique ID	NL 008751171B01		
Authorized Representative *	Yves HALLEZ	Representative Title	AMS-IMG Material 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 *	Legal Declaration *
true	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 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	Mfr Site	Date
VD55G0CCA1/RW	ZT14*5G0KAAD ZT14*5G0KABD	A	THEIL	2021-02-08
Amount	UoM	Unit type	ST ECOPACK Grade	
2.7	mg	Each	ECOPACK® 2	

Manufacturing information				
J-STD-020 MSL Rating	Classification Temp	Nbr of Reflow Cycles		 life.augmented
Not Applicable	Not Applicable	,		
bulk Solder Termination	Terminal Plating	Terminal Base Alloy	Comment	
NAC	Not Applicable	Not Applicable	DM00707686 DM00743076	

Package Designator	Size	Nbr of instances	Shape
Die business	2.579 x 2.498	69	Rectangle
Comment	Reconstructed wafer 8"		

QueryList : RoHS Directive 2011/65/EU- 8 June 2011 – Annex II amended by Delegated Directive 2015/863 - 31 March 2015	
Query	Response
1 - Product(s) meets EU RoHS requirement without any exemptions	true

QueryList : ELV directive : 2000/53/EC amended 2020/363_ March 2020	
Query	Response
1 - Product(s) meets EU ELV requirement without any exemptions	true

QueryList : California Prop65 list, dated 18th December 2020	
Query	Response
1 - The product does not contain identified substance from California Prop 65 List, no exposure to consumers is foreseen	true

QueryList : Chinese RoHS , references : SJT 11364 – 2014 and GBT 26572 – 2014	
Query	Response
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

QueryList : REACH-19th January 2021	
Query	Response
1 - Product(s) does not contain REACH Substances Of Very High Concern above the limits per the definition within REACH	true
2 - Product(s) does not contain REACH Substances Of Very High Concern in any Homogeneous Material above the limits per the definition within REACH	true

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

Responsible metals sourcing	
Query	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 :	Tantalum, Tungsten,
This product is in the scope of the responsible metals sourcing, its compliance is covered by our company processes .	

China GB 33372-2020 Limit standard for volatile organic compounds content in adhesives - 4 March 2020 application date 1st December 2020	
Query	Response

Material Composition Declaration					Mfr Item Name	ZT14*5G0KAAD ZT14*5G0KABD	2.7000		1000000.0	1000000.0		
Homogeneous Material	Material Group	Mass	UoM	Level	Substance Category	Substance	CAS	Exempt	Mass	UoM	Concentration in homogeneous material (ppm)	Concentration in product (ppm)
Dies	M-011 Other inorganic materials	2.700	mg	supplier	die	Silicon(Si)	7440-21-3		2.282	mg	845185	845185
				supplier	metallisation	Aluminium(Al)	7429-90-5		0.032	mg	11852	11852
				supplier	metallisation	Copper(Cu)	7440-50-8		0.114	mg	42222	42222
				supplier	metallisation	Tantalum(Ta)	7440-25-7		0.022	mg	8148	8148
				supplier	metallisation	Titanium(Ti)	7440-32-6		0.007	mg	2593	2593
				supplier	metallisation	Tungsten(W)	7440-33-7		0.001	mg	370	370
				supplier	Passivation	Silicon Nitride (SiN)	12033-89-5		0.035	mg	12963	12963
				supplier	passivation	Silicon Oxide	7631-86-9		0.196	mg	72593	72593
				supplier	polymer coating	Polymer resist (color, planar, μlens)	proprietary		0.011	mg	4074	4074