



## 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*	2025-05-02
Authorized representative*	Cyrille Boulloud	Representative title	APMS 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 *	Legal declaration*	Standard
true		

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				
Manufacturing item number	Manufacturing item name	Version	Manufacturing site	Date
VD55G0CCA1/RW	ZT14*5G0KBBD	C	Tong Hsing, Chung Li	2025-05-02
	Amount	Unit of measure	Unit type	ST ECOPACK grade
	3	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			

Manufacturing information			
J-STD-020 MSL rating	Classification temperature	Number of reflow cycles	
Not Applicable	Not Applicable	,	
Bulk solder termination	Terminal plating	Terminal base alloy	Comment
Not Applicable	Not Applicable	Not Applicable	DM00801644
Comment	ARTIFICIAL WAF PK FOR GOOD DIE		

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

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

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	true

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

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
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	Response
The Product does contain at least one of the substances listed in Chemical Control Act	false



QueryList : Responsible metals sourcing	Response
The component is containing at least one of the following metals : Cobalt , Gold , Tantalum , Tin , Tungsten.	true
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 substance	Response
The product is containing fluorinated substance.	False
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						Manufacturing Item name	ZT14*5G0KBB0		2.6200		1000000.0	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	M-011 Other inorganic materials	2.620	mg	supplier	die	Silicon(Si)	7440-21-3		2.298	mg	877100	877100
				supplier	metallisation	Aluminium(Al)	7429-90-5		0.033	mg	12595	12595
				supplier	metallisation	Copper(Cu)	7440-50-8		0.090	mg	34351	34351
				supplier	metallisation	Tantalum(Ta)	7440-25-7		0.021	mg	8015	8015
				supplier	metallisation	Titanium(Ti)	7440-32-6		0.007	mg	2672	2672
				supplier	metallisation	Tungsten(W)	7440-33-7		0.001	mg	382	382
				supplier	Passivation	Silicon Nitride (SiN)	12033-89-5		0.033	mg	12595	12595
				supplier	passivation	Silicon Oxide	7631-86-9		0.127	mg	48473	48473
				supplier	polymer coating	Polymer resist (color, planar,plens)	proprietary		0.010	mg	3817	3817