



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*	2026-02-26
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	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* 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
ST25DV16KC-IE8T3	PT6P*DV4D1UY	B	3068	13-06-2023
	Amount	UoM	Unit type	ST ECOPACK Grade
	34	mg	Each	ECOPACK® 2
Identity	Authority			
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 temperature	Number of reflow cycles	
1	260	3	
Bulk solder termination	Terminal plating	Terminal base alloy	Comment
NAC	Nickel/Palladium/Gold (Ni/Pd/Au)	Copper Alloy	

Package designator	Package size	Number of instances	Shape
TSSOP	NAC	8	L Bend
Comment	Package : 6P TSSOP 8 BODY 4.4 PITCH 0.65 0079397		

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 : ELV directive : 2000/53/EC amended 2020/363_March 2020		Response
1 - Product(s) meets EU ELV requirements without any exemptions		true
2 - Product(s) meets EU RoHS requirements by application of the selected exemption(s)		false
Exemption Id.	Description	

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			false
2 - The product is containing below substance(s) from California Prop 65 List, no exposure to consumers is foreseen			true
Substance	amount in product (mg)	Application	ppm in product
Nickel	0.494	Lead-frame,Lead-frame Coating,Finishing	14529

QueryList : Chinese RoHS , references : SJT 11364 – 2014 and GBT 26572 – 2014		Response		
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		
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		
Hazardous substance				
Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Hexavalent Chromium (Cr VI)	PBB & PBDE
O	O	O	O	O

QueryList : REACH-4th February 2026				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
2 - Product(s) does not contain REACH Substances Of Very High Concern in any Embedded article nor Homogeneous Material above the limits per the definition within REACH				true
CategoryLevel_Name	CategoryLevel_Threshold	Amount in embedded article / Homogeneous material (mg)	Application - article / Homogeneous material	ppm in article /Homogeneous material



QueryList : Responsible metals sourcing	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 :	Gold, Tungsten,

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 : 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 Substances	Response
QUERY	Response
The product is containing fluorinated substance.	False
Substance Name, CAS	

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							Mfr Item Name	PT6P'DV4D1UY		34.0000		6999999.0	999999.0
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	1.700	mg	supplier	die	Silicon (Si)	7440-21-3		1.636	mg	962353	48118	
				supplier	metallization	Aluminium (Al)	7429-90-5		0.006	mg	3529	176	
				supplier	metallization	Titanium (Ti)	7440-32-6		0.001	mg	588	29	
				supplier	metallization	Tungsten (W)	7440-33-7		0.001	mg	588	29	
				supplier	Passivation	Silicon Nitride	12033-89-5		0.004	mg	2353	118	
				supplier	Passivation	Silicon Oxide	7631-86-9		0.052	mg	30588	1529	
Lead-frame	M-011 Other inorganic materials	14.517	mg	supplier	alloy	Copper (Cu)	7440-50-8		13.965	mg	962000	410742	
				supplier	alloy	Nickel (Ni)	7440-02-0		0.436	mg	30000	12809	
				supplier	alloy	Silicon (Si)	7440-21-3		0.094	mg	6500	2775	
				supplier	alloy	Magnesium (Mg)	7439-95-4		0.022	mg	1500	640	
				supplier	coating	Nickel (Ni)	7440-02-0		0.058	mg	942580	1708	
Lead-frame Coating	M-011 Other inorganic materials	0.062	mg	supplier	coating	Palladium (Pd)	5/3/7440		0.002	mg	29665	54	
				supplier	coating	Gold (Au)	7440-57-5		0.002	mg	27755	50	
				supplier	glue or soft solder	Silver(Ag)	7440-22-4		0.037	mg	760000	1095	
				supplier	glue or soft solder	Oxiranylmethox	13561-08-5		0.006	mg	120000	173	
Die Attach	M-011 Other inorganic materials	0.049	mg	supplier	glue or soft solder	Phenol resin	9003-35-4		0.001	mg	30000	43	
				supplier	glue or soft solder	Epoxypropoxy t	2425-79-8		0.001	mg	30000	43	
				supplier	glue or soft solder	Diglycidyl phen	EC 417-470-1		0.002	mg	50000	72	
				supplier	glue or soft solder	Polyoxypropyle	1016/9046		0.000	mg	10000	14	
				supplier	Bonding wire	Gold (Au)	7440-57-5		0.019	mg	1000000	546	
				supplier	Moulding Compound	Epoxy Resin	Proprietary		1.434	mg	81244	42183	
Encapsulation	M-011 Other inorganic materials	17.653	mg	supplier	Moulding Compound	Phenol Resin	Proprietary		0.956	mg	54162	28122	
				supplier	Moulding Compound	Silica, vitreous	60676-86-0		15.091	mg	854845	443850	
				supplier	Moulding Compound	Carbon black	1333-86-4		0.096	mg	5416	2812	
				supplier	Moulding Compound	Bismuth (Bi)	7440-69-9		0.076	mg	4333	2250	
				supplier	connections coating	Nickel (Ni)	7440-02-0		0.001	mg	940951	17	
Finishing	M-011 Other inorganic materials	0.001	mg	supplier	connections coating	Palladium (Pd)	5/3/7440		0.000	mg	30507	1	
				supplier	connections coating	Gold (Au)	7440-57-5		0.000	mg	28542	1	