

Legal Statement

Materials Declaration Form

	1752							
	Distribute	Version	2					
	Distribute		4 D					
Sectionals *	Material Into	Subsectionals *	A-D					
	Manufacturing Info		* : Required Field					
Funnliar Information								
	CTN diama a la atmonita	Demonstration *	2010 OF 15					
Company Name *	STIVICroelectronics	Response Date *	2013-05-15					
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 *	Rossana Bonaccorso	Representative Title	ADG 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.html								
Uncertainty Statement								
While STMicroelectronics has en STMicroelectronics disclaims all v merchantability, fitness for a par directly or indirectly, from the use	deavored to provide information which is warranties, express or implied related to 'ticular purpose and non-infringement. ST e or inability to use this document and/or	s accurate and up to date, this docu this document and its contents, inc r shall have no responsibility and as its contents.	ment and its contents are provided on a strict 'as is' and 'as available' basi uding but not limited to implied warranties of completeness, truth, accurac sumes no liability for any cost, loss or damage of any kind which could aris					
Legal Statement								
Supplier Acceptance *	true	Legal Declara	tion * Standard					
	Supplier certifies that it gathered the date that Supplier completes t products. Company acknowledges may not have independently vei	the provided information and sur his form. Supplier acknowledges tha that Supplier may have relied on ir rified such information. However,	h information is true and correct to the best of its knowledge and belief, as of t Company will rely on this certification in determining the compliance of i formation provided by others in completing this form, and that Suppli in situations where Supplier has not independently verified informatic					

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.

Product								
Mfr Item Number	Mfr Item Name	Version	Mfr Site	Date				
SMB6F130A	8H6Y*TFU151G	А	2019-05-15					
	Amount	UoM	UoM Unit type					
	56.00	mg	Each	ECOPACK2				
	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		
1	260	3		
bulk Solder Termination	Terminal Plating	Terminal Base Alloy	Comment	life, guamented
NA	Tin (Sn), matte	Copper Alloy		moradginomoa
Package Designator	Size	Nbr of instances	Shape	
СНР	4.14-2.76-1.94	2	Flat	

Comment

SMB Flat NEP

QueryList : RoHS Directive 2011/65/EU-July 2011 – Annex II amended by Directive 2015/863-March 2015						
	Response					
1 - Product(s) meets EU RoHS requirement	t without any exemptions	FALSE				
2 - Product(s) meets EU RoHS requirement apply)	FALSE					
3 - Product(s) meets EU RoHS requirement	TRUE					
4 - Product(s) does not meet EU RoHS req	FALSE					
Exemption Id.	Exemption Id. Description					
7a Lead in high melting temperature type solders (i.e. lead- based alloys containing 85 % by weight or more lead)						

QueryList : ELV directive : 2000/53/EC amended 2017/2096 _November 2017							
Query Response							
- Product(s) meets EU ELV requirements without any exemptions FALSE							
- Product(s) meets EU RoHS requirements by application of the selected exemption(s) TRUE							
Exemption Id. Description							
8e Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)							

QueryList : California Prop65 list, dated 8th March 2019							
Qu	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 expo	TRUE						
Substance	ppm in product						
Nickel	34						
Lead	26750						

QueryList : REACH-15th January 2019							
	Response						
1 - Product(s) does not contain REACH Sul	FALSE						
CategoryLevel_Name	ppm in product						
Lead	ead 1000 ppm 1.498 Soft solder						
2 - Product(s) does not contain REACH definition within REACH	FALSE						
CategoryLevel_Name	ppm in Article /Homogeneous Material						
Lead	920147						

Material Composition Declaration : note : Substance present with less 0.001mg will not be declared in this document				Mfr Item Name	8H6Y*TFU151G							
Homogeneous Material	Material Group	Mass	UoM	Level	Substance Category	Substance	CAS	Exempt	Mass	UoM	Concentration in homogeneous material (ppm)	Concentration in product (ppm)
Die	M-011 Other inorganic materials	1.502	mg	supplier	die	Silicon (Si)	7440-21-3		1.432	mg	953459	25571
				supplier	metallization	Aluminium (Al)	7429-90-5		0.017	mg	11319	304
				supplier	metallization	Gold (Au)	7440-57-5		0.009	mg	5992	161
				supplier	metallization	Nickel (Ni)	7440-02-0		0.002	mg	1265	34
				supplier	Passivation	Silicon Oxide	7631-86-9		0.010	mg	6659	179
				supplier	polymer die coating	Durimide	Proprietary		0.032	mg	21306	571
Leadframe	M-004 Copper and its alloys	22.129	mg	supplier	alloy	Copper (Cu)	7440-50-8		22.100	mg	998690	394643
				supplier	alloy	Iron (Fe)	7439-89-6		0.022	mg	994	393
				supplier	alloy	Iron Phosphide (FeP)	26508-33-8		0.007	mg	316	125
Soft solder	Solder	1.628	mg	JIG - R	solder	Lead(Pb)	7439-92-1	7a-Lead in high mel	1.498	mg	920147	26750
				supplier	solder	Tin(Sn)	7440-31-5		0.081	mg	49754	1446
				supplier	solder	Silver(Ag)	7440-22-4		0.041	mg	25184	732
				supplier	solder	dry flux residue	proprietary		0.008	mg	4915	143
Encapsulation	M-011 Other inorganic materials	27.420	mg	supplier	mold compound	Amorphous Silica	7631-86-9		24.266	mg	884974	433321
				supplier	mold compound	Epoxy resin	29690-82-2		1.645	mg	59993	29375
				supplier	mold compound	Phenol resin	9003-35-4		1.234	mg	45004	22036
				supplier	mold compound	Carbon black	1333-86-4		0.110	mg	4011	1966
				supplier	mold compound	Magnesium oxide	1309-48-4		0.055	mg	2006	982
				supplier	mold compound	Aluminium hydroxide	21645-51-2		0.055	mg	2006	982
				supplier	mold compound	Mercaptopropyl trimethoxysilane	4420-74-0		0.055	mg	2006	982
Connections coating	Solder	0.153	mg	supplier	solder alloy	Tin (Sn)	7440-31-5		0.153	mg	1000000	2732
Clip	M-004 Copper and its alloys	3.168	mg	supplier	alloy	Copper (Cu)	7440-50-8		3.165	mg	999053	56518
				supplier	alloy	CopperPosphorous (CuP)	12517-41-8		0.003	mg	947	54