



Material Content Data Sheet



Sales Product Name				BGSX 212MA18 E6327		Issued		3. July 2019	
MA#				MA004221184					
Package				PG-ATSLP-18-2		Weight*		6.41 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	inorganic material	silicon	7440-21-3	0.223	3.49	3.49	34872	34872	
bumps	non noble metal	copper	7440-50-8	0.025	0.39	0.39	3897	3897	
encapsulation	organic material	carbon black	1333-86-4	0.023	0.36		3644		
	plastics	epoxy resin	-	0.677	10.57		105683		
leadfinish	inorganic material	silicondioxide	60676-86-0	3.969	61.97	72.90	619519	728846	
	noble metal	gold	7440-57-5	0.059	0.92		9214		
substrate	non noble metal	nickel	7440-02-0	0.067	1.05	1.97	10509	19723	
	organic material	carbon black	1333-86-4	0.002	0.03		309		
solder	plastics	epoxy resin	-	0.077	1.20		12050		
	non noble metal	copper	7440-50-8	0.505	7.88		78843		
	inorganic material	silicondioxide	60676-86-0	0.581	9.06	18.17	90632	181834	
ubm	noble metal	silver	7440-22-4	0.000	0.00		25		
	non noble metal	tin	7440-31-5	0.009	0.14	0.14	1388	1413	
solder resists	non noble metal	tungsten	7440-33-7	0.000	0.00		49		
	non noble metal	titanium	7440-32-6	0.001	0.01		94		
	non noble metal	copper	7440-50-8	0.002	0.03	0.04	266	409	
*deviation	inorganic material	silicondioxide	60676-86-0	0.039	0.62		6164		
	inorganic material	bariumsulfate	7727-43-7	0.040	0.62		6236		
	plastics	acrylic resin	-	0.106	1.66	2.90	16606	29006	
Sum in total:						100.00		1000000	

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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