

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGSX 212MA18 E6327	**Issued**	27. April 2022
MA#	MA005714096		
Package	PG-ATSLP-18-2	**Weight***	6.38 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	3.50	3.50	35000	35000
bumps	non noble metal	copper	7440-50-8	0.025	0.39	0.39	3912	3912
encapsulation	organic material	carbon black	1333-86-4	0.028	0.44		4367	
	plastics	epoxy resin	-	0.627	9.83		98260	
	inorganic material	silicondioxide	60676-86-0	3.991	62.52	72.79	625228	727855
leadfinish	noble metal	gold	7440-57-5	0.059	0.92		9248	
	non noble metal	nickel	7440-02-0	0.067	1.05	1.97	10547	19795
substrate	organic material	carbon black	1333-86-4	0.002	0.03		310	
	plastics	epoxy resin	-	0.077	1.21		12094	
	non noble metal	copper	7440-50-8	0.505	7.91		79131	
	inorganic material	silicondioxide	60676-86-0	0.581	9.10	18.25	90963	182498
solder	noble metal	silver	7440-22-4	0.000			26	
	non noble metal	tin	7440-31-5	0.009	0.14	0.14	1393	1419
ubm	non noble metal	tungsten	7440-33-7	0.000			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	267	410
solder resists	inorganic material	silicondioxide	60676-86-0	0.039	0.62		6186	
	inorganic material	bariumsulfate	7727-43-7	0.040	0.63		6259	
	plastics	acrylic resin	-	0.106	1.67	2.92	16666	29111
*deviation	< 10%				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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