

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGS 14MPA9 E6327	**Issued**	27. April 2022
MA#	MA005713856		
Package	PG-ATSLP-9-3	**Weight***	3.35 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	0.361	10.79	10.79	107875	107875
bumps	non noble metal	copper	7440-50-8	0.027	0.81	0.81	8142	8142
encapsulation	organic material	carbon black	1333-86-4	0.011	0.32		3227	
	inorganic material	zink oxide	1314-13-2	0.022	0.65		6455	
	miscellaneous	miscellaneous	-	0.032	0.97		9683	
	plastics	epoxy resin	-	0.238	7.10		71005	
	inorganic material	silicondioxide	60676-86-0	1.857	55.52	64.56	555130	645500
leadfinish	noble metal	gold	7440-57-5	0.037	1.09		10914	
	non noble metal	nickel	7440-02-0	0.042	1.24	2.33	12448	23362
substrate	organic material	carbon black	1333-86-4	0.001	0.02		218	
	plastics	epoxy resin	-	0.028	0.85		8502	
	inorganic material	silicondioxide	60676-86-0	0.214	6.39		63949	
	non noble metal	copper	7440-50-8	0.390	11.66	18.92	116559	189228
solder	noble metal	silver	7440-22-4	0.000	0.01		53	
	non noble metal	tin	7440-31-5	0.010	0.29	0.30	2900	2953
ubm	non noble metal	tungsten	7440-33-7	0.000			6	
	non noble metal	titanium	7440-32-6	0.000			11	
	non noble metal	copper	7440-50-8	0.000			31	48
solder resists	inorganic material	silicondioxide	60676-86-0	0.016	0.49		4865	
	inorganic material	bariumsulfate	7727-43-7	0.016	0.49		4922	
	plastics	acrylic resin	-	0.044	1.31	2.29	13105	22892
*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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