

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGSA 13GN10 E6327	**Issued**	08. April 2022
MA#	MA001471836		
Package	PG-TSNP-10-2	**Weight***	1.67 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	0.293	17.59	17.59	175937	175937
bumps	non noble metal	copper	7440-50-8	0.013	0.80	0.80	7985	7985
leadframe	non noble metal	zinc	7440-66-6	0.001	0.06		640	
	non noble metal	tin	7440-31-5	0.001	0.08		800	
	non noble metal	chromium	7440-47-3	0.002	0.10		960	
	non noble metal	copper	7440-50-8	0.530	31.78	32.02	317750	320150
encapsulation	organic material	carbon black	1333-86-4	0.002	0.14		1391	
	plastics	epoxy resin	-	0.098	5.89		58911	
	inorganic material	silicondioxide	60676-86-0	0.673	40.36	46.39	403563	463865
leadfinish	non noble metal	tin	7440-31-5	0.046	2.76	2.76	27624	27624
ubm	non noble metal	tungsten	7440-33-7	0.000			5	
	non noble metal	titanium	7440-32-6	0.000			11	
	non noble metal	copper	7440-50-8	0.000			31	47
solder	noble metal	silver	7440-22-4	0.000	0.01		101	
	non noble metal	tin	7440-31-5	0.007	0.43	0.44	4291	4392
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com