

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGSA 147ML10 E6327	**Issued**	22. April 2022
MA#	MA005712212		
Package	PG-TSLP-10-3	**Weight***	1.43 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	0.352	24.70	24.70	246981	246981
bumps	noble metal	silver	7440-22-4	0.000	0.01		54	
	non noble metal	nickel	7440-02-0	0.001	0.05		539	
	non noble metal	tin	7440-31-5	0.004	0.27		2697	
	non noble metal	copper	7440-50-8	0.011	0.75	1.08	7497	10787
leadframe	non noble metal	nickel	7440-02-0	0.104	7.30	7.30	73010	73010
encapsulation	organic material	carbon black	1333-86-4	0.005	0.32		3207	
	inorganic material	zink oxide	1314-13-2	0.009	0.64		6413	
	miscellaneous	miscellaneous	-	0.014	0.96		9620	
	plastics	epoxy resin	-	0.101	7.05		70548	
	inorganic material	silicondioxide	60676-86-0	0.786	55.17	64.14	551554	641342
leadfinish	noble metal	gold	7440-57-5	0.015	1.05	1.05	10538	10538
plating	noble metal	silver	7440-22-4	0.025	1.72	1.72	17208	17208
ubm	non noble metal	titanium	7440-32-6	0.000			15	
	non noble metal	copper	7440-50-8	0.000	0.01	0.01	119	134
*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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