

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGSA 143ML10 E6327	**Issued**	29. June 2021
MA#	MA003185276		
Package	PG-TSLP-10-2	**Weight***	1.45 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	0.543	37.33	37.33	373320	373320
bumps	non noble metal	copper	7440-50-8	0.012	0.86	0.86	8584	8584
leadframe	non noble metal	nickel	7440-02-0	0.104	7.16	7.16	71583	71583
encapsulation	organic material	carbon black	1333-86-4	0.004	0.26		2580	
	inorganic material	zink oxide	1314-13-2	0.008	0.52		5160	
	miscellaneous	miscellaneous	-	0.011	0.77		7739	
	plastics	epoxy resin	-	0.083	5.68		56753	
	inorganic material	silicondioxide	60676-86-0	0.645	44.35	51.58	443707	515939
leadfinish	noble metal	gold	7440-57-5	0.015	1.03	1.03	10332	10332
plating	noble metal	silver	7440-22-4	0.025	1.69	1.69	16872	16872
solder	noble metal	silver	7440-22-4	0.000	0.01		56	
	non noble metal	tin	7440-31-5	0.004	0.31	0.32	3058	3114
ubm	non noble metal	tungsten	7440-33-7	0.000			31	
	non noble metal	titanium	7440-32-6	0.000	0.01		59	
	non noble metal	copper	7440-50-8	0.000	0.02	0.03	166	256
*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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