

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGS 18MN14 E6327	**Issued**	27. April 2022
MA#	MA005730442		
Package	PG-TSNP-14-3	**Weight***	7.91 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	0.519	6.56	6.56	65629	65629
leadframe	non noble metal	zinc	7440-66-6	0.005	0.06		610	
	non noble metal	tin	7440-31-5	0.006	0.08		762	
	non noble metal	chromium	7440-47-3	0.007	0.09		914	
	non noble metal	copper	7440-50-8	2.394	30.25	30.48	302522	304808
wire	noble metal	gold	7440-57-5	0.100	1.26	1.26	12589	12589
encapsulation	organic material	carbon black	1333-86-4	0.023	0.29		2882	
	inorganic material	zink oxide	1314-13-2	0.046	0.58		5764	
	miscellaneous	miscellaneous	-	0.068	0.86		8646	
	plastics	epoxy resin	-	0.502	6.34		63403	
	inorganic material	silicondioxide	60676-86-0	3.923	49.59	57.66	495693	576388
leadfinish	non noble metal	tin	7440-31-5	0.181	2.29	2.29	22933	22933
plating	noble metal	silver	7440-22-4	0.116	1.47	1.47	14685	14685
tape	plastics	epoxy resin	-	0.006	0.07		742	
	inorganic material	silicondioxide	60676-86-0	0.006	0.07		742	
	plastics	acrylic resin	-	0.006	0.07		742	
	plastics	polyester resin	-	0.006	0.07	0.28	742	2968
*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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