

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGS 16MN14 E6327	**Issued**	05. February 2022
MA#	MA001303698		
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	6.57	6.57	65696	65696
leadframe	non noble metal	zinc	7440-66-6	0.005	0.06		610	
	non noble metal	tin	7440-31-5	0.006	0.08		763	
	non noble metal	chromium	7440-47-3	0.007	0.09		915	
	non noble metal	copper	7440-50-8	2.394	30.28	30.51	302831	305119
wire	noble metal	gold	7440-57-5	0.091	1.15	1.15	11464	11464
encapsulation	organic material	carbon black	1333-86-4	0.023	0.29		2886	
	inorganic material	zink oxide	1314-13-2	0.046	0.58		5771	
	miscellaneous	miscellaneous	-	0.068	0.87		8656	
	plastics	epoxy resin	-	0.502	6.35		63480	
	inorganic material	silicondioxide	60676-86-0	3.924	49.63	57.72	496300	577093
leadfinish	non noble metal	tin	7440-31-5	0.181	2.30	2.30	22956	22956
plating	noble metal	silver	7440-22-4	0.116	1.47	1.47	14700	14700
tape	plastics	epoxy resin	-	0.006	0.07		743	
	inorganic material	silicondioxide	60676-86-0	0.006	0.07		743	
	plastics	acrylic resin	-	0.006	0.07		743	
	plastics	polyester resin	-	0.006	0.07	0.28	743	2972
*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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