



Material Content Data Sheet



Halogen-Free

Sales Product Name	BGSA 14M2N10 E6327	Issued	17. February 2022
MA#	MA005563516		
Package	PG-TSNP-10-9	Weight*	1.25 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	0.246	19.73	19.73	197303	197303
bumps	noble metal	silver	7440-22-4	0.000	0.01		81	
	non noble metal	nickel	7440-02-0	0.001	0.08		812	
	non noble metal	tin	7440-31-5	0.005	0.41		4058	
	non noble metal	copper	7440-50-8	0.014	1.13	1.63	11281	16232
leadframe	non noble metal	zinc	7440-66-6	0.001	0.06		571	
	non noble metal	tin	7440-31-5	0.001	0.07		713	
	non noble metal	chromium	7440-47-3	0.001	0.09		857	
	non noble metal	copper	7440-50-8	0.354	28.33	28.55	283323	285464
encapsulation	organic material	carbon black	1333-86-4	0.003	0.23		2348	
	inorganic material	zink oxide	1314-13-2	0.006	0.47		4696	
	miscellaneous	miscellaneous	-	0.009	0.70		7045	
	plastics	epoxy resin	-	0.065	5.17		51661	
	inorganic material	silicondioxide	60676-86-0	0.504	40.39	46.96	403900	469650
leadfinish	non noble metal	tin	7440-31-5	0.025	1.99	1.99	19887	19887
plating	noble metal	silver	7440-22-4	0.014	1.13	1.13	11349	11349
ubm	non noble metal	titanium	7440-32-6	0.000			13	
	non noble metal	copper	7440-50-8	0.000	0.01	0.01	102	115
*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.
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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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