



Material Content Data Sheet



Sales Product Name		BGS 13PN10 E6327		Issued		19. July 2018		
MA#		MA001239268						
Package		PG-TSNP-10-1		Weight*		1.95 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	18.03	18.03	180285	180285
bumps	non noble metal	copper	7440-50-8	0.005	0.26	0.26	2582	2582
leadframe	non noble metal	tin	7440-31-5	0.002	0.09		863	
	non noble metal	zinc	7440-66-6	0.001	0.07		690	
	non noble metal	chromium	7440-47-3	0.002	0.10		1035	
encapsulation	non noble metal	copper	7440-50-8	0.669	34.24	34.50	342390	344978
	organic material	carbon black	1333-86-4	0.004	0.20		2033	
	plastics	epoxy resin	-	0.115	5.89		58946	
leadfinish	inorganic material	silicondioxide	60676-86-0	0.675	34.56	40.65	345546	406525
	non noble metal	tin	7440-31-5	0.029	1.47	1.47	14743	14743
	plating	noble metal	silver	7440-22-4	0.017	0.88	0.88	8780
ubm	non noble metal	tungsten	7440-33-7	0.010	0.49		4882	
	non noble metal	titanium	7440-32-6	0.018	0.94		9358	
	non noble metal	copper	7440-50-8	0.052	2.64	4.07	26446	40686
solder	noble metal	silver	7440-22-4	0.000	0.00		33	
	non noble metal	tin	7440-31-5	0.003	0.14	0.14	1388	1421
*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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