



## Material Content Data Sheet



<b>Sales Product Name</b>				BGS 13SN8 E6327		<b>Issued</b>		25. January 2018	
<b>MA#</b>				MA001270572					
<b>Package</b>				PG-TSNP-8-1		<b>Weight*</b>		1.43 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	0.168	11.71	11.71	117134	117134	
bumps	non noble metal	copper	7440-50-8	0.006	0.42	0.42	4233	4233	
leadframe	non noble metal	zinc	7440-66-6	0.001	0.08		803		
	non noble metal	tin	7440-31-5	0.001	0.10		1003		
	non noble metal	chromium	7440-47-3	0.002	0.12		1204		
encapsulation	non noble metal	copper	7440-50-8	0.570	39.83	40.13	398299	401309	
	organic material	carbon black	1333-86-4	0.003	0.22		2188		
	plastics	epoxy resin	-	0.091	6.35		63461		
leadfinish	inorganic material	silicondioxide	60676-86-0	0.532	37.20	43.77	372011	437660	
	non noble metal	tin	7440-31-5	0.023	1.61	1.61	16112	16112	
	plating	noble metal	silver	7440-22-4	0.030	2.11	2.11	21076	21076
ubm	non noble metal	copper	7440-50-8	0.000	0.01		96		
	non noble metal	titanium	7440-32-6	0.000	0.00		34		
	non noble metal	tungsten	7440-33-7	0.000	0.00	0.01	17	147	
solder	noble metal	silver	7440-22-4	0.000	0.01		54		
	non noble metal	tin	7440-31-5	0.003	0.23	0.24	2275	2329	
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com