



Material Content Data Sheet



Sales Product Name				BGS 16MN14 E6327		Issued		4. July 2019	
MA#				MA004463706					
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		
wire	non noble metal	copper	7440-50-8	2.394	30.28	30.51	302831	305119	
	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		
	plastics	epoxy resin	-	0.662	8.37		83678		
	inorganic material	silicondioxide	60676-86-0	3.878	49.06	57.72	490529	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

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