



Material Content Data Sheet



Sales Product Name		BGS 110MN20 E6327		Issued		20. July 2018		
MA#		MA001217500						
Package		PG-TSNP-20-1		Weight*		10.96 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	0.599	5.47	5.47	54678	54678
leadframe	non noble metal	magnesium	7439-95-4	0.005	0.05		492	
	inorganic material	silicon	7440-21-3	0.023	0.21		2134	
	non noble metal	nickel	7440-02-0	0.108	0.98		9849	
	non noble metal	copper	7440-50-8	3.460	31.58	32.82	315827	328302
	wire	noble metal	gold	7440-57-5	0.121	1.11	1.11	11076
encapsulation	organic material	carbon black	1333-86-4	0.030	0.27		2746	
	plastics	epoxy resin	-	0.873	7.96		79643	
	inorganic material	silicondioxide	60676-86-0	5.115	46.71	54.94	466874	549263
leadfinish	non noble metal	tin	7440-31-5	0.197	1.80	1.80	17978	17978
plating	noble metal	silver	7440-22-4	0.090	0.82	0.82	8195	8195
tape	plastics	epoxy resin	-	0.084	0.76		7627	
	inorganic material	silicondioxide	60676-86-0	0.084	0.76		7627	
	plastics	acrylic resin	-	0.084	0.76		7627	
	plastics	polyester resin	-	0.084	0.76	3.04	7627	30508
*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