



Material Content Data Sheet



Sales Product Name		BGS 12SN6 E6327		Issued		24. January 2018		
MA#		MA001118738						
Package		PG-TSNP-6-2		Weight*		0.92 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	0.106	11.53	11.53	115256	115256
bumps	non noble metal	copper	7440-50-8	0.003	0.33	0.33	3293	3293
leadframe	non noble metal	tin	7440-31-5	0.001	0.10		967	
	non noble metal	zinc	7440-66-6	0.001	0.08		773	
	non noble metal	chromium	7440-47-3	0.001	0.12		1160	
encapsulation	non noble metal	copper	7440-50-8	0.353	38.38	38.68	383836	386736
	organic material	carbon black	1333-86-4	0.002	0.22		2164	
	plastics	epoxy resin	-	0.058	6.27		62749	
leadfinish	inorganic material	silicondioxide	60676-86-0	0.339	36.78	43.27	367838	432751
	non noble metal	tin	7440-31-5	0.037	4.04	4.04	40360	40360
	plating	noble metal	silver	7440-22-4	0.015	1.61	1.61	16125
ubm	non noble metal	copper	7440-50-8	0.000	0.00		34	
	non noble metal	titanium	7440-32-6	0.000	0.00		12	
	non noble metal	tungsten	7440-33-7	0.000	0.00	0.00	7	53
solder	noble metal	silver	7440-22-4	0.000	0.01		124	
	non noble metal	tin	7440-31-5	0.005	0.53	0.54	5302	5426
*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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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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