



Material Content Data Sheet



Sales Product Name		BGS 12PN10 E6327		Issued		20. July 2018		
MA#		MA001238972						
Package		PG-TSNP-10-1		Weight*		1.89 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	18.61	18.61	186148	186148
bumps	non noble metal	copper	7440-50-8	0.005	0.27	0.27	2666	2666
leadframe	non noble metal	tin	7440-31-5	0.002	0.09		891	
	non noble metal	zinc	7440-66-6	0.001	0.07		712	
	non noble metal	chromium	7440-47-3	0.002	0.11		1069	
encapsulation	non noble metal	copper	7440-50-8	0.669	35.35	35.62	353526	356198
	organic material	carbon black	1333-86-4	0.004	0.21		2143	
	plastics	epoxy resin	-	0.118	6.22		62150	
	inorganic material	silicondioxide	60676-86-0	0.689	36.44	42.87	364329	428622
leadfinish	non noble metal	tin	7440-31-5	0.029	1.54	1.54	15413	15413
plating	noble metal	silver	7440-22-4	0.017	0.91	0.91	9066	9066
ubm	non noble metal	copper	7440-50-8	0.001	0.03		273	
	non noble metal	titanium	7440-32-6	0.000	0.01		97	
	non noble metal	tungsten	7440-33-7	0.000	0.00	0.04	50	420
solder	noble metal	silver	7440-22-4	0.000	0.00		34	
	non noble metal	tin	7440-31-5	0.003	0.14	0.14	1433	1467
*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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