



## Material Content Data Sheet



<b>Sales Product Name</b>		BGS 12PL6 E6327		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA001113652						
<b>Package</b>		PG-TSLP-6-4		<b>Weight*</b>		0.77 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	0.141	18.37	18.37	183653	183653
bumps	non noble metal	copper	7440-50-8	0.033	4.32	4.32	43215	43215
leadframe	non noble metal	nickel	7440-02-0	0.173	22.49	22.49	224938	224938
encapsulation	organic material	carbon black	1333-86-4	0.002	0.25		2533	
	plastics	epoxy resin	-	0.057	7.35		73453	
	inorganic material	silicondioxide	60676-86-0	0.332	43.06	50.66	430590	506576
leadfinish	noble metal	gold	7440-57-5	0.009	1.20	1.20	12019	12019
plating	noble metal	silver	7440-22-4	0.015	1.96	1.96	19627	19627
ubm	non noble metal	copper	7440-50-8	0.000	0.02		161	
	non noble metal	titanium	7440-32-6	0.000	0.01		57	
	non noble metal	tungsten	7440-33-7	0.000	0.00	0.03	30	248
solder	noble metal	silver	7440-22-4	0.000	0.02		223	
	non noble metal	tin	7440-31-5	0.007	0.95	0.97	9501	9724
*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

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