



## Material Content Data Sheet



<b>Sales Product Name</b>				BSC0904NSI		<b>Issued</b>		25. January 2018	
<b>MA#</b>				MA001833446					
<b>Package</b>				PG-TDSON-8-6		<b>Weight*</b>		117.82 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	0.303	0.26	0.26	2576	2576	
leadframe	inorganic material	phosphorus	7723-14-0	0.011	0.01		96		
	non noble metal	iron	7439-89-6	0.038	0.03		321		
	non noble metal	copper	7440-50-8	37.762	32.05	32.09	320518	320935	
	noble metal	gold	7440-57-5	0.047	0.04	0.04	395	395	
encapsulation	organic material	carbon black	1333-86-4	0.088	0.07		745		
	plastics	epoxy resin	-	6.936	5.89		58870		
	inorganic material	silicondioxide	60676-86-0	36.873	31.30	37.26	312978	372593	
leadfinish	non noble metal	tin	7440-31-5	1.452	1.23	1.23	12321	12321	
plating	noble metal	silver	7440-22-4	0.166	0.14	0.14	1405	1405	
solder	non noble metal	tin	7440-31-5	0.010	0.01		82		
	noble metal	silver	7440-22-4	0.012	0.01		103		
	non noble metal	lead	7439-92-1	0.463	0.39	0.41	3927	4112	
heatspreader	inorganic material	phosphorus	7723-14-0	0.003	0.00		29		
	non noble metal	iron	7439-89-6	0.011	0.01		96		
	non noble metal	copper	7440-50-8	11.320	9.61	9.62	96083	96208	
heat sink CLIP	inorganic material	phosphorus	7723-14-0	0.007	0.01		57		
	non noble metal	iron	7439-89-6	0.022	0.02		189		
	non noble metal	copper	7440-50-8	22.292	18.92	18.95	189209	189455	
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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