



Material Content Data Sheet



Sales Product Name				BSC0901NS		Issued		22. January 2018	
MA#				MA001000882					
Package				PG-TDSON-8-6		Weight*		118.46 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	0.629	0.53	0.53	5311	5311	
leadframe	inorganic material	phosphorus	7723-14-0	0.011	0.01		96		
	non noble metal	iron	7439-89-6	0.038	0.03		319		
wire	non noble metal	copper	7440-50-8	37.762	31.85	31.89	318769	319184	
	noble metal	gold	7440-57-5	0.045	0.04	0.04	380	380	
encapsulation	organic material	carbon black	1333-86-4	0.088	0.07		739		
	plastics	epoxy resin	-	6.215	5.25		52463		
leadfinish	inorganic material	silicondioxide	60676-86-0	37.464	31.63	36.95	316258	369460	
	non noble metal	tin	7440-31-5	1.452	1.23	1.23	12254	12254	
plating	noble metal	silver	7440-22-4	0.166	0.14	0.14	1397	1397	
solder	non noble metal	tin	7440-31-5	0.019	0.02		158		
	noble metal	silver	7440-22-4	0.023	0.02		198		
heatspreader	non noble metal	lead	7439-92-1	0.895	0.76	0.80	7552	7908	
	inorganic material	phosphorus	7723-14-0	0.003	0.00		29		
heat sink CLIP	non noble metal	iron	7439-89-6	0.011	0.01		96		
	non noble metal	copper	7440-50-8	11.320	9.56	9.57	95559	95684	
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		188		
*deviation	non noble metal	copper	7440-50-8	22.292	18.82	18.85	188177	188422	
						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.

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com