



## Material Content Data Sheet



<b>Sales Product Name</b>				BSC080N03LS G		<b>Issued</b>		5. February 2015	
<b>MA#</b>				MA001321350					
<b>Package</b>				PG-TDSON-8-14		<b>Weight*</b>		118.63 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	0.804	0.68	0.68	6777	6777	
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		82		
	non noble metal	zinc	7440-66-6	0.039	0.03		328		
	non noble metal	iron	7439-89-6	0.778	0.66		6558		
wire	non noble metal	copper	7440-50-8	31.590	26.63	27.33	266288	273256	
	non noble metal	copper	7440-50-8	0.058	0.05	0.05	486	486	
	encapsulation	organic material	carbon black	1333-86-4	0.241	0.20		2033	
	plastics	epoxy resin	-	7.475	6.30		63013		
	inorganic material	silicondioxide	60676-86-0	40.511	34.17	40.67	341491	406537	
leadfinish	non noble metal	tin	7440-31-5	1.243	1.05	1.05	10474	10474	
plating	noble metal	silver	7440-22-4	0.037	0.03	0.03	316	316	
solder	noble metal	silver	7440-22-4	0.028	0.02		234		
	non noble metal	tin	7440-31-5	0.022	0.02		187		
	non noble metal	lead	7439-92-1	1.060	0.89	0.93	8937	9358	
heatspreader	inorganic material	phosphorus	7723-14-0	0.005	0.00		45		
	non noble metal	zinc	7440-66-6	0.021	0.02		180		
	non noble metal	iron	7439-89-6	0.428	0.36		3604		
heat sink CLIP	non noble metal	copper	7440-50-8	17.360	14.63	15.01	146336	150165	
	non noble metal	iron	7439-89-6	0.017	0.01		143		
	inorganic material	phosphorus	7723-14-0	0.005	0.00		43		
	non noble metal	copper	7440-50-8	16.898	14.24	14.25	142445	142631	
*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 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