



Material Content Data Sheet



Sales Product Name				BSC0906NS		Issued		27. July 2015	
MA#				MA001014400					
Package				PG-TDSON-8-6		Weight*		117.95 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	0.210	0.18	0.18	1784	1784	
leadframe	non noble metal	iron	7439-89-6	0.038	0.03		321		
	inorganic material	phosphorus	7723-14-0	0.011	0.01		96		
	non noble metal	copper	7440-50-8	37.762	32.02	32.06	320152	320569	
wire	noble metal	gold	7440-57-5	0.047	0.04	0.04	394	394	
encapsulation	organic material	carbon black	1333-86-4	0.088	0.08		750		
	plastics	epoxy resin	-	6.279	5.32		53236		
	inorganic material	silicondioxide	60676-86-0	37.852	32.07	37.47	320916	374902	
leadfinish	non noble metal	tin	7440-31-5	1.470	1.25	1.25	12461	12461	
plating	noble metal	silver	7440-22-4	0.166	0.14	0.14	1403	1403	
solder	noble metal	silver	7440-22-4	0.009	0.01		79		
	non noble metal	tin	7440-31-5	0.007	0.01		63		
	non noble metal	lead	7439-92-1	0.355	0.30	0.32	3007	3149	
heatspreader	non noble metal	iron	7439-89-6	0.011	0.01		96		
	inorganic material	phosphorus	7723-14-0	0.003	0.00		29		
	non noble metal	copper	7440-50-8	11.320	9.60	9.61	95974	96099	
heat sink CLIP	non noble metal	iron	7439-89-6	0.022	0.02		189		
	inorganic material	phosphorus	7723-14-0	0.007	0.01		57		
	non noble metal	copper	7440-50-8	22.292	18.90	18.93	188993	189239	
*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.

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