



## Material Content Data Sheet



<b>Sales Product Name</b>				BSC067N06LS3 G		<b>Issued</b>		29. August 2013	
<b>MA#</b>				MA001118220					
<b>Package</b>				PG-TDSON-8-14		<b>Weight*</b>		119.40 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	1.835	1.54	1.54	15367	15367	
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		81		
	non noble metal	zinc	7440-66-6	0.039	0.03		326		
	non noble metal	iron	7439-89-6	0.778	0.65		6516		
wire	non noble metal	copper	7440-50-8	31.590	26.46	27.15	264566	271489	
	non noble metal	copper	7440-50-8	0.058	0.05	0.05	488	488	
	encapsulation	organic material	carbon black	1333-86-4	0.236	0.20		1978	
plastics	plastics	epoxy resin	-	7.322	6.13		61321		
	inorganic material	silicondioxide	60676-86-0	39.680	33.24	39.57	332321	395620	
	leadfinish	non noble metal	tin	7440-31-5	1.243	1.04	1.04	10407	10407
plating	noble metal	silver	7440-22-4	0.037	0.03	0.03	313	313	
solder	noble metal	silver	7440-22-4	0.046	0.04		385		
	non noble metal	tin	7440-31-5	0.037	0.03		308		
	non noble metal	lead	7439-92-1	1.758	1.47	1.54	14720	15413	
heatspreader	inorganic material	phosphorus	7723-14-0	0.005	0.00		45		
	non noble metal	zinc	7440-66-6	0.021	0.02		179		
	non noble metal	iron	7439-89-6	0.428	0.36		3581		
heat sink CLIP	non noble metal	copper	7440-50-8	17.360	14.54	14.92	145389	149194	
	non noble metal	iron	7439-89-6	0.017	0.01		142		
	inorganic material	phosphorus	7723-14-0	0.005	0.00		43		
*deviation	non noble metal	copper	7440-50-8	16.898	14.15	14.16	141524	141709	
						Sum in total:	100,00		1000000

### Important Remarks:

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