



## Material Content Data Sheet



<b>Sales Product Name</b>		BSC080P03LS G		<b>Issued</b>		29. August 2013			
<b>MA#</b>		MA000621168							
<b>Package</b>		PG-TDSON-8-3		<b>Weight*</b>		104.43 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	3.914	3.75	3.75	37484	37484	
leadframe	non noble metal	iron	7439-89-6	0.038	0.04		362		
	inorganic material	phosphorus	7723-14-0	0.011	0.01		109		
	non noble metal	copper	7440-50-8	37.762	36.16	36.21	361598	362069	
wire	noble metal	gold	7440-57-5	1.119	1.07	1.07	10715	10715	
encapsulation	organic material	carbon black	1333-86-4	0.091	0.09		870		
	plastics	epoxy resin	-	6.451	6.18		61772		
	inorganic material	silicondioxide	60676-86-0	38.886	37.23	43.50	372369	435011	
leadfinish	non noble metal	tin	7440-31-5	1.452	1.39	1.39	13901	13901	
plating	noble metal	silver	7440-22-4	0.166	0.16	0.16	1585	1585	
solder	non noble metal	tin	7440-31-5	0.064	0.06		614		
	noble metal	silver	7440-22-4	0.080	0.08		767		
	non noble metal	lead	7439-92-1	3.061	2.93	3.07	29314	30695	
heatspreader	inorganic material	phosphorus	7723-14-0	0.003	0.00		33		
	non noble metal	iron	7439-89-6	0.011	0.01		109		
	non noble metal	copper	7440-50-8	11.320	10.84	10.85	108398	108540	
*deviation	< 10%					Sum in total:	100,00		1000000

### Important Remarks:

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