



Material Content Data Sheet



Sales Product Name				BSZ340N08NS3 G		Issued		29. August 2013	
MA#				MA000522588					
Package				PG-TSDSON-8-1		Weight*		36.14 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	0.830	2.30	2.30	22960	22960	
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		65		
	non noble metal	zinc	7440-66-6	0.009	0.03		262		
	non noble metal	iron	7439-89-6	0.189	0.52		5239		
wire	non noble metal	copper	7440-50-8	7.689	21.27	21.83	212737	218303	
	non noble metal	copper	7440-50-8	0.041	0.11	0.11	1144	1144	
	encapsulation	organic material	carbon black	1333-86-4	0.037	0.10		1030	
encapsulation	plastics	epoxy resin	-	1.918	5.31		53068		
	inorganic material	silicondioxide	60676-86-0	16.666	46.13	51.54	461126	515224	
leadfinish	non noble metal	tin	7440-31-5	0.370	1.02	1.02	10239	10239	
plating	noble metal	silver	7440-22-4	0.081	0.22	0.22	2235	2235	
solder	non noble metal	tin	7440-31-5	0.023	0.06		624		
	noble metal	silver	7440-22-4	0.028	0.08		780		
	non noble metal	lead	7439-92-1	1.078	2.98	3.12	29813	31217	
heatspreader	inorganic material	phosphorus	7723-14-0	0.001	0.00		33		
	non noble metal	zinc	7440-66-6	0.005	0.01		130		
	non noble metal	iron	7439-89-6	0.094	0.26		2600		
heat sink CLIP	non noble metal	copper	7440-50-8	3.816	10.56	10.83	105579	108342	
	inorganic material	phosphorus	7723-14-0	0.001	0.00		27		
	non noble metal	zinc	7440-66-6	0.004	0.01		108		
heat sink CLIP	non noble metal	iron	7439-89-6	0.078	0.22		2168		
	non noble metal	copper	7440-50-8	3.182	8.80	9.03	88033	90336	
*deviation	< 10%		Sum in total:			100.00		1000000	

Important Remarks:

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