



Material Content Data Sheet



Sales Product Name	BSO604NS2			Issued		11. December 2019		
MA#	MA000977786							
Package	PG-DSO-8-25			Weight*		83.62 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.664	1.99	1.99	19896	19896
chip_2	inorganic material	silicon	7440-21-3	1.664	1.99	1.99	19896	19896
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		107	
	non noble metal	zinc	7440-66-6	0.036	0.04		429	
	non noble metal	iron	7439-89-6	0.717	0.86		8577	
	non noble metal	copper	7440-50-8	29.121	34.83	35.74	348277	357390
wire	noble metal	gold	7440-57-5	0.417	0.50	0.50	4989	4989
encapsulation	organic material	carbon black	1333-86-4	0.095	0.11		1134	
	plastics	epoxy resin	-	4.363	5.22		52177	
	inorganic material	silicondioxide	60676-86-0	42.964	51.38	56.71	513832	567143
leadfinish	non noble metal	tin	7440-31-5	0.814	0.97	0.97	9733	9733
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7777	7777
glue	plastics	epoxy resin	-	0.193	0.23		2306	
	noble metal	silver	7440-22-4	0.909	1.09	1.32	10870	13176
*deviation	< 10%	Sum in total:			100.00		1000000	

Important Remarks:

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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 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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