



Material Content Data Sheet



Sales Product Name	BSO150N03MD G			Issued		23. January 2020		
MA#	MA005400922							
Package	PG-DSO-8-40			Weight*		82.45 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	0.531	0.64	0.64	6437	6437
chip_2	inorganic material	silicon	7440-21-3	0.531	0.64	0.64	6437	6437
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		119	
	non noble metal	zinc	7440-66-6	0.039	0.05		476	
	non noble metal	iron	7439-89-6	0.785	0.95		9523	
	non noble metal	copper	7440-50-8	31.880	38.67	39.68	386679	396797
wire	non noble metal	copper	7440-50-8	0.256	0.31	0.31	3099	3099
encapsulation	organic material	carbon black	1333-86-4	0.235	0.28		2850	
	plastics	epoxy resin	-	7.284	8.83		88348	
	inorganic material	silicondioxide	60676-86-0	39.475	47.89	57.00	478790	569988
leadfinish	non noble metal	tin	7440-31-5	0.814	0.99	0.99	9871	9871
plating	noble metal	silver	7440-22-4	0.063	0.08	0.08	762	762
glue	plastics	epoxy resin	-	0.082	0.10		991	
	noble metal	silver	7440-22-4	0.463	0.56	0.66	5618	6609
*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 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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