

Material Content Data Sheet

RoHS | Halogen-Free

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.
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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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