



Material Content Data Sheet



Halogen-Free

Sales Product Name	BSO220N03MD G	Issued	12. August 2021
MA#	MA005617538		
Package	PG-DSO-8-40	Weight*	82.33 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	0.346	0.42	0.42	4200	4200
chip_2	inorganic material	silicon	7440-21-3	0.346	0.42	0.42	4200	4200
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		119	
	non noble metal	zinc	7440-66-6	0.039	0.05		477	
	non noble metal	iron	7439-89-6	0.785	0.95		9536	
	non noble metal	copper	7440-50-8	31.880	38.72	39.73	387206	397338
wire	non noble metal	copper	7440-50-8	0.269	0.33	0.33	3268	3268
encapsulation	organic material	carbon black	1333-86-4	0.237	0.29		2877	
	plastics	epoxy resin	-	7.343	8.92		89186	
	inorganic material	silicondioxide	60676-86-0	39.795	48.33	57.54	483330	575393
leadfinish	non noble metal	tin	7440-31-5	0.814	0.99	0.99	9885	9885
plating	noble metal	silver	7440-22-4	0.063	0.08	0.08	763	763
glue	plastics	epoxy resin	-	0.061	0.07		743	
	noble metal	silver	7440-22-4	0.347	0.42	0.49	4210	4953
*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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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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