



Material Content Data Sheet



Halogen-Free

Sales Product Name	BSO040N03MS G	Issued	12. August 2021
MA#	MA005617548		
Package	PG-DSO-8-39	Weight*	83.82 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	1.840	2.20	2.20	21954	21954
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		122	
	non noble metal	zinc	7440-66-6	0.041	0.05		489	
	non noble metal	iron	7439-89-6	0.820	0.98		9777	
	non noble metal	copper	7440-50-8	33.276	39.70	40.74	397006	407394
wire	non noble metal	copper	7440-50-8	0.374	0.45	0.45	4462	4462
encapsulation	organic material	carbon black	1333-86-4	0.230	0.27		2742	
	plastics	epoxy resin	-	7.124	8.50		84997	
	inorganic material	silicondioxide	60676-86-0	38.609	46.05	54.82	460629	548368
leadfinish	non noble metal	tin	7440-31-5	0.814	0.97	0.97	9710	9710
plating	noble metal	silver	7440-22-4	0.073	0.09	0.09	866	866
glue	plastics	epoxy resin	-	0.091	0.11		1087	
	noble metal	silver	7440-22-4	0.516	0.62	0.73	6159	7246
*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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