

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSO040N03MS G	**Issued**	18. August 2021
MA#	MA005400925		
Package	PG-DSO-8-39	**Weight***	83.76 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	21970	21970
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		9784	
	non noble metal	copper	7440-50-8	33.276	39.73	40.77	397289	407684
wire	non noble metal	copper	7440-50-8	0.297	0.36	0.36	3550	3550
encapsulation	organic material	carbon black	1333-86-4	0.230	0.27		2745	
	plastics	epoxy resin	-	7.127	8.51		85089	
	inorganic material	silicondioxide	60676-86-0	38.623	46.10	54.88	461126	548960
leadfinish	non noble metal	tin	7440-31-5	0.814	0.97	0.97	9717	9717
plating	noble metal	silver	7440-22-4	0.073	0.09	0.09	867	867
glue	plastics	epoxy resin	-	0.091	0.11		1088	
	noble metal	silver	7440-22-4	0.516	0.62	0.73	6164	7252
*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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