

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3BS03LJG	**Issued**	03. May 2021
MA#	MA001039664		
Package	PG-DSO-8-42	**Weight***	81.55 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	0.842	1.03	1.03	10326	10326
chip_2	inorganic material	silicon	7440-21-3	0.223	0.27	0.27	2735	2735
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.035	0.04		432	
	non noble metal	iron	7439-89-6	0.705	0.86		8644	
	non noble metal	copper	7440-50-8	28.624	35.10	36.01	350989	360173
wire	noble metal	gold	7440-57-5	0.171	0.21	0.21	2101	2101
encapsulation	organic material	carbon black	1333-86-4	0.148	0.18		1819	
	plastics	epoxy resin	-	4.798	5.88		58830	
	inorganic material	silicondioxide	60676-86-0	44.514	54.61	60.67	545842	606491
leadfinish	non noble metal	tin	7440-31-5	0.814	1.00	1.00	9979	9979
plating	noble metal	silver	7440-22-4	0.084	0.10	0.10	1035	1035
glue	plastics	acrylic resin	-	0.117	0.14		1432	
	noble metal	silver	7440-22-4	0.467	0.57	0.71	5728	7160
*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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