

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE1HS01G-1	**Issued**	23. June 2021
MA#	MA005544616		
Package	PG-DSO-8-41	**Weight***	81.15 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	3.020	3.72	3.72	37218	37218
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		104	
	non noble metal	zinc	7440-66-6	0.034	0.04		415	
	non noble metal	iron	7439-89-6	0.673	0.83		8294	
	non noble metal	copper	7440-50-8	27.330	33.68	34.56	336781	345594
wire	noble metal	gold	7440-57-5	0.116	0.14	0.14	1429	1429
encapsulation	organic material	carbon black	1333-86-4	0.143	0.18		1758	
	plastics	epoxy resin	-	4.613	5.68		56843	
	inorganic material	silicondioxide	60676-86-0	42.800	52.75	58.61	527410	586011
leadfinish	non noble metal	tin	7440-31-5	0.814	1.00	1.00	10029	10029
plating	noble metal	silver	7440-22-4	0.090	0.11	0.11	1104	1104
glue	plastics	acrylic resin	-	0.302	0.37		3723	
	noble metal	silver	7440-22-4	1.209	1.49	1.86	14892	18615
*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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