

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE2PCS01G	**Issued**	03. April 2021
MA#	MA001494760		
Package	PG-DSO-8-67	**Weight***	80.84 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	1.787	2.21	2.21	22105	22105
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		104	
	non noble metal	zinc	7440-66-6	0.034	0.04		416	
	non noble metal	iron	7439-89-6	0.673	0.83		8326	
	non noble metal	copper	7440-50-8	27.330	33.81	34.69	338089	346935
wire	noble metal	gold	7440-57-5	0.121	0.15	0.15	1496	1496
encapsulation	organic material	carbon black	1333-86-4	0.146	0.18		1812	
	plastics	epoxy resin	-	4.736	5.86		58583	
	inorganic material	silicondioxide	60676-86-0	43.939	54.35	60.39	543551	603946
leadfinish	non noble metal	tin	7440-31-5	0.814	1.01	1.01	10068	10068
plating	noble metal	silver	7440-22-4	0.090	0.11	0.11	1108	1108
glue	plastics	acrylic resin	-	0.232	0.29		2868	
	noble metal	silver	7440-22-4	0.927	1.15	1.44	11474	14342
*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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