

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE2QS02G	**Issued**	23. June 2021
MA#	MA005545893		
Package	PG-DSO-8-41	**Weight***	80.81 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	1.697	2.10	2.10	20998	20998
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		8329	
	non noble metal	copper	7440-50-8	27.330	33.82	34.70	338199	347048
wire	noble metal	gold	7440-57-5	0.119	0.15	0.15	1468	1468
encapsulation	organic material	carbon black	1333-86-4	0.147	0.18		1816	
	plastics	epoxy resin	-	4.745	5.87		58715	
	inorganic material	silicondioxide	60676-86-0	44.024	54.48	60.53	544775	605306
leadfinish	non noble metal	tin	7440-31-5	0.814	1.01	1.01	10071	10071
plating	noble metal	silver	7440-22-4	0.090	0.11	0.11	1108	1108
glue	plastics	acrylic resin	-	0.226	0.28		2800	
	noble metal	silver	7440-22-4	0.905	1.12	1.40	11201	14001
*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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