

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE5QSBG	**Issued**	15. May 2021
MA#	MA005337908		
Package	PG-DSO-8-47	**Weight***	80.25 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	0.663	0.83	0.83	8257	8257
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		105	
	non noble metal	zinc	7440-66-6	0.034	0.04		419	
	non noble metal	iron	7439-89-6	0.673	0.84		8387	
	non noble metal	copper	7440-50-8	27.330	34.05	34.94	340548	349459
wires	noble metal	palladium	7440-05-3	0.001			7	
	non noble metal	copper	7440-50-8	0.056	0.07	0.07	697	704
encapsulation	organic material	carbon black	1333-86-4	0.151	0.19		1878	
	plastics	epoxy resin	-	4.874	6.07		60727	
	inorganic material	silicondioxide	60676-86-0	45.219	56.36	62.62	563446	626051
leadfinish	non noble metal	tin	7440-31-5	0.814	1.01	1.01	10141	10141
plating	noble metal	silver	7440-22-4	0.090	0.11	0.11	1116	1116
glue	plastics	acrylic resin	-	0.075	0.09		940	
	noble metal	silver	7440-22-4	0.267	0.33	0.42	3332	4272
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com