

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE5QSBG	**Issued**	25. June 2021
MA#	MA005557524		
Package	PG-DSO-8-76	**Weight***	81.99 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	0.81	0.81	8083	8083
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		103	
	non noble metal	zinc	7440-66-6	0.034	0.04		411	
	non noble metal	iron	7439-89-6	0.673	0.82		8213	
	non noble metal	copper	7440-50-8	27.342	33.35	34.22	333480	342207
wires	noble metal	palladium	7440-05-3	0.001			7	
	non noble metal	copper	7440-50-8	0.053	0.06	0.06	649	656
encapsulation	organic material	carbon black	1333-86-4	0.156	0.19		1898	
	plastics	epoxy resin	-	5.031	6.14		61361	
	inorganic material	silicondioxide	60676-86-0	46.679	56.93	63.26	569329	632588
leadfinish	non noble metal	tin	7440-31-5	0.876	1.07	1.07	10682	10682
plating	noble metal	silver	7440-22-4	0.131	0.16	0.16	1602	1602
glue	plastics	acrylic resin	-	0.075	0.09		920	
	noble metal	silver	7440-22-4	0.267	0.33	0.42	3262	4182
*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.

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