



Material Content Data Sheet



Halogen-Free

Sales Product Name	ICE5GSAG	Issued	16. May 2021
MA#	MA005400535		
Package	PG-DSO-8-76	Weight*	81.98 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	0.624	0.76	0.76	7609	7609
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		8214	
	non noble metal	copper	7440-50-8	27.342	33.35	34.22	333522	342250
wires	noble metal	palladium	7440-05-3	0.001			6	
	non noble metal	copper	7440-50-8	0.052	0.06	0.06	635	641
encapsulation	organic material	carbon black	1333-86-4	0.156	0.19		1899	
	plastics	epoxy resin	-	5.035	6.14		61417	
	inorganic material	silicondioxide	60676-86-0	46.715	56.99	63.32	569848	633164
leadfinish	non noble metal	tin	7440-31-5	0.876	1.07	1.07	10684	10684
plating	noble metal	silver	7440-22-4	0.131	0.16	0.16	1603	1603
glue	plastics	acrylic resin	-	0.073	0.09		891	
	noble metal	silver	7440-22-4	0.259	0.32	0.41	3158	4049
*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.

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