

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE5AR0680AG	**Issued**	02. June 2021
MA#	MA001976930		
Package	PG-DSO-12-21	**Weight***	155.31 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	4.052	2.61	2.61	26090	26090
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		112	
	non noble metal	zinc	7440-66-6	0.069	0.04		446	
	non noble metal	iron	7439-89-6	1.386	0.89		8925	
	non noble metal	copper	7440-50-8	56.286	36.24	37.18	362412	371895
wire	noble metal	palladium	7440-05-3	0.001			6	
	non noble metal	copper	7440-50-8	0.092	0.06	0.06	591	597
encapsulation	organic material	carbon black	1333-86-4	0.271	0.17		1748	
	plastics	epoxy resin	-	10.587	6.82		68164	
	inorganic material	silicondioxide	60676-86-0	79.625	51.27	58.26	512689	582601
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7357	7357
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2759	2759
glue	plastics	epoxy resin	-	0.203	0.13		1305	
	noble metal	silver	7440-22-4	1.149	0.74	0.87	7396	8701
*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