

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE5GSAG	**Issued**	12. May 2021
MA#	MA001729960		
Package	PG-DSO-8-47	**Weight***	80.24 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	0.78	0.78	7773	7773
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		8388	
	non noble metal	copper	7440-50-8	27.330	34.06	34.95	340595	349507
wire	noble metal	palladium	7440-05-3	0.001			7	
	non noble metal	copper	7440-50-8	0.054	0.07	0.07	676	683
encapsulation	organic material	carbon black	1333-86-4	0.151	0.19		1880	
	plastics	epoxy resin	-	4.877	6.08		60784	
	inorganic material	silicondioxide	60676-86-0	45.255	56.40	62.67	563979	626643
leadfinish	non noble metal	tin	7440-31-5	0.814	1.01	1.01	10142	10142
plating	noble metal	silver	7440-22-4	0.090	0.11	0.11	1116	1116
glue	plastics	acrylic resin	-	0.073	0.09		910	
	noble metal	silver	7440-22-4	0.259	0.32	0.41	3226	4136
*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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