

Material Content Data Sheet

RoHS | 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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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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