

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE5AR4770AG	**Issued**	02. June 2021
MA#	MA001994498		
Package	PG-DSO-12-21	**Weight***	154.69 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	1.517	0.98	0.98	9804	9804
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		112	
	non noble metal	zinc	7440-66-6	0.069	0.04		448	
	non noble metal	iron	7439-89-6	1.386	0.90		8961	
	non noble metal	copper	7440-50-8	56.286	36.39	37.34	363863	373384
wire	noble metal	palladium	7440-05-3	0.001			5	
	non noble metal	copper	7440-50-8	0.082	0.05	0.05	532	537
encapsulation	organic material	carbon black	1333-86-4	0.279	0.18		1803	
	plastics	epoxy resin	-	10.878	7.03		70324	
	inorganic material	silicondioxide	60676-86-0	81.821	52.89	60.10	528937	601064
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7387	7387
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2770	2770
glue	plastics	epoxy resin	-	0.117	0.08		758	
	noble metal	silver	7440-22-4	0.665	0.43	0.51	4296	5054
*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.

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