

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE5QR4770AG	**Issued**	13. May 2021
MA#	MA001994492		
Package	PG-DSO-12-21	**Weight***	154.70 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	1.556	1.01	1.01	10056	10056
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	36.38	37.33	363848	373369
wire	noble metal	palladium	7440-05-3	0.001			5	
	non noble metal	copper	7440-50-8	0.077	0.05	0.05	496	501
encapsulation	organic material	carbon black	1333-86-4	0.279	0.18		1802	
	plastics	epoxy resin	-	10.874	7.03		70292	
	inorganic material	silicondioxide	60676-86-0	81.787	52.86	60.07	528695	600789
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7386	7386
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2770	2770
glue	plastics	epoxy resin	-	0.119	0.08		769	
	noble metal	silver	7440-22-4	0.674	0.44	0.52	4360	5129
*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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