

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE5QR4770AZ	**Issued**	13. May 2021
MA#	MA001994496		
Package	PG-DIP-7-6	**Weight***	651.77 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	0.24	0.24	2387	2387
leadframe	inorganic material	phosphorus	7723-14-0	0.049	0.01		74	
	non noble metal	zinc	7440-66-6	0.194	0.03		298	
	non noble metal	iron	7439-89-6	3.884	0.60		5960	
	non noble metal	copper	7440-50-8	157.726	24.20	24.84	241994	248326
wire	noble metal	palladium	7440-05-3	0.001			2	
	non noble metal	copper	7440-50-8	0.110	0.02	0.02	169	171
encapsulation	organic material	carbon black	1333-86-4	1.437	0.22		2205	
	plastics	epoxy resin	-	46.472	7.13		71300	
	inorganic material	silicondioxide	60676-86-0	431.182	66.15	73.50	661550	735055
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9911	9911
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2932	2932
glue	plastics	epoxy resin	-	0.119	0.02		183	
	noble metal	silver	7440-22-4	0.674	0.10	0.12	1035	1218
*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