

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE5QR2270AZ	**Issued**	10. May 2021
MA#	MA001623912		
Package	PG-DIP-7-6	**Weight***	651.93 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	2.187	0.34	0.34	3355	3355
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		5958	
	non noble metal	copper	7440-50-8	157.726	24.19	24.83	241936	248266
wire	noble metal	palladium	7440-05-3	0.001			2	
	non noble metal	copper	7440-50-8	0.111	0.02	0.02	170	172
encapsulation	organic material	carbon black	1333-86-4	1.435	0.22		2202	
	plastics	epoxy resin	-	46.410	7.12		71188	
	inorganic material	silicondioxide	60676-86-0	430.604	66.04	73.38	660504	733894
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9908	9908
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2931	2931
glue	plastics	epoxy resin	-	0.144	0.02		221	
	noble metal	silver	7440-22-4	0.817	0.13	0.15	1253	1474
*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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