



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	ICE5QR2270AZ	<b>Issued</b>	10. May 2021
<b>MA#</b>	MA001623912		
<b>Package</b>	PG-DIP-7-6	<b>Weight*</b>	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:

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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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