



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	ICE2QR1765Z	<b>Issued</b>	03. May 2021
<b>MA#</b>	MA000979476		
<b>Package</b>	PG-DIP-7-4	<b>Weight*</b>	652.47 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	3.779	0.58	0.58	5792	5792
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		5954	
	non noble metal	copper	7440-50-8	157.726	24.17	24.81	241738	248064
wire	noble metal	gold	7440-57-5	0.267	0.04	0.04	409	409
encapsulation	organic material	carbon black	1333-86-4	1.431	0.22		2193	
	plastics	epoxy resin	-	46.254	7.09		70891	
	inorganic material	silicondioxide	60676-86-0	429.163	65.77	73.08	657754	730838
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9900	9900
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2928	2928
glue	plastics	epoxy resin	-	0.202	0.03		310	
	noble metal	silver	7440-22-4	1.147	0.18	0.21	1759	2069
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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