



Material Content Data Sheet



Halogen-Free

Sales Product Name ICE2QR4765Z

Issued

03. May 2021

MA# MA000989344

Package PG-DIP-7-4

Weight*

652.46 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.769	0.27	0.27	2711	2711
chip_2	inorganic material	silicon	7440-21-3	1.025	0.16	0.16	1571	1571
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	241742	248068
wire	noble metal	gold	7440-57-5	0.268	0.04	0.04	410	410
encapsulation	organic material	carbon black	1333-86-4	1.433	0.22		2196	
	plastics	epoxy resin	-	46.322	7.10		70997	
	inorganic material	silicondioxide	60676-86-0	429.796	65.87	73.19	658736	731929
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	2929	2929
glue	plastics	epoxy resin	-	0.243	0.04		372	
	noble metal	silver	7440-22-4	1.377	0.21	0.25	2110	2482
*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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