



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	ICE3RBR1765JZ	<b>Issued</b>	23. June 2021
<b>MA#</b>	MA005537986		
<b>Package</b>	PG-DIP-7-4	<b>Weight*</b>	652.60 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	1.890	0.29	0.29	2896	2896
chip_2	inorganic material	silicon	7440-21-3	1.455	0.22	0.22	2229	2229
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		5952	
	non noble metal	copper	7440-50-8	157.726	24.17	24.81	241689	248013
wire	noble metal	gold	7440-57-5	0.293	0.04	0.04	449	449
encapsulation	organic material	carbon black	1333-86-4	1.431	0.22		2193	
	plastics	epoxy resin	-	46.270	7.09		70902	
	inorganic material	silicondioxide	60676-86-0	429.311	65.79	73.10	657850	730945
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9898	9898
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2928	2928
glue	plastics	epoxy resin	-	0.259	0.04		396	
	noble metal	silver	7440-22-4	1.466	0.22	0.26	2246	2642
*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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