



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	ICE3BR0665J	<b>Issued</b>	03. May 2021
<b>MA#</b>	MA000981102		
<b>Package</b>	PG-DIP-8-13	<b>Weight*</b>	557.72 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	5.709	1.02	1.02	10236	10236
leadframe	inorganic material	phosphorus	7723-14-0	0.054	0.01		96	
	non noble metal	zinc	7440-66-6	0.215	0.04		385	
	non noble metal	iron	7439-89-6	4.297	0.77		7705	
	non noble metal	copper	7440-50-8	174.475	31.28	32.10	312838	321024
wire	noble metal	gold	7440-57-5	0.280	0.05	0.05	502	502
encapsulation	organic material	carbon black	1333-86-4	1.086	0.19		1948	
	plastics	epoxy resin	-	35.130	6.30		62989	
	inorganic material	silicondioxide	60676-86-0	325.947	58.46	64.95	584432	649369
leadfinish	non noble metal	tin	7440-31-5	7.496	1.34	1.34	13440	13440
plating	noble metal	silver	7440-22-4	0.796	0.14	0.14	1427	1427
glue	plastics	epoxy resin	-	0.335	0.06		600	
	noble metal	silver	7440-22-4	1.898	0.34	0.40	3402	4002
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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