

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3RBR0665JG	**Issued**	18. August 2021
MA#	MA005544891		
Package	PG-DSO-12-19	**Weight***	157.06 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	4.254	2.71	2.71	27087	27087
chip_2	inorganic material	silicon	7440-21-3	4.254	2.71	2.71	27087	27087
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		110	
	non noble metal	zinc	7440-66-6	0.069	0.04		441	
	non noble metal	iron	7439-89-6	1.386	0.88		8826	
	non noble metal	copper	7440-50-8	56.286	35.84	36.77	358381	367758
wire	noble metal	gold	7440-57-5	0.235	0.15	0.15	1498	1498
encapsulation	organic material	carbon black	1333-86-4	0.256	0.16		1632	
	plastics	epoxy resin	-	9.996	6.36		63645	
	inorganic material	silicondioxide	60676-86-0	75.182	47.88	54.40	478697	543974
leadfinish	non noble metal	tin	7440-31-5	1.143	0.73	0.73	7275	7275
plating	noble metal	silver	7440-22-4	0.428	0.27	0.27	2728	2728
glue	plastics	epoxy resin	-	0.532	0.34		3389	
	noble metal	silver	7440-22-4	3.016	1.92	2.26	19204	22593
*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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