

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3AR1080JG	**Issued**	23. June 2021
MA#	MA005543028		
Package	PG-DSO-12-19	**Weight***	155.87 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	4.500	2.89	2.89	28868	28868
chip_2	inorganic material	silicon	7440-21-3	1.204	0.77	0.77	7724	7724
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		111	
	non noble metal	zinc	7440-66-6	0.069	0.04		445	
	non noble metal	iron	7439-89-6	1.386	0.89		8894	
	non noble metal	copper	7440-50-8	56.286	36.11	37.05	361116	370566
wire	noble metal	gold	7440-57-5	0.250	0.16	0.16	1604	1604
encapsulation	organic material	carbon black	1333-86-4	0.267	0.17		1710	
	plastics	epoxy resin	-	10.395	6.67		66693	
	inorganic material	silicondioxide	60676-86-0	78.186	50.17	57.01	501619	570022
leadfinish	non noble metal	tin	7440-31-5	1.143	0.73	0.73	7331	7331
plating	noble metal	silver	7440-22-4	0.428	0.27	0.27	2749	2749
glue	plastics	epoxy resin	-	0.260	0.17		1670	
	noble metal	silver	7440-22-4	1.475	0.95	1.12	9466	11136
*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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