

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3AR2280JG	**Issued**	23. June 2021
MA#	MA005543219		
Package	PG-DSO-12-19	**Weight***	155.35 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	1.204	0.78	0.78	7750	7750
chip_2	inorganic material	silicon	7440-21-3	2.347	1.51	1.51	15109	15109
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		112	
	non noble metal	zinc	7440-66-6	0.069	0.04		446	
	non noble metal	iron	7439-89-6	1.386	0.89		8923	
	non noble metal	copper	7440-50-8	56.286	36.23	37.17	362306	371787
wire	noble metal	gold	7440-57-5	0.241	0.16	0.16	1552	1552
encapsulation	organic material	carbon black	1333-86-4	0.273	0.18		1756	
	plastics	epoxy resin	-	10.641	6.85		68492	
	inorganic material	silicondioxide	60676-86-0	80.031	51.51	58.54	515154	585402
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7355	7355
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2758	2758
glue	plastics	epoxy resin	-	0.193	0.12		1243	
	noble metal	silver	7440-22-4	1.094	0.70	0.82	7044	8287
*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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