

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3B0565JG	**Issued**	23. June 2021
MA#	MA005543241		
Package	PG-DSO-12-19	**Weight***	154.91 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	1.025	0.66	0.66	6617	6617
chip_2	inorganic material	silicon	7440-21-3	0.791	0.51	0.51	5105	5105
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		112	
	non noble metal	zinc	7440-66-6	0.069	0.04		447	
	non noble metal	iron	7439-89-6	1.386	0.89		8949	
	non noble metal	copper	7440-50-8	56.286	36.34	37.28	363357	372865
wire	noble metal	gold	7440-57-5	0.223	0.14	0.14	1438	1438
encapsulation	organic material	carbon black	1333-86-4	0.278	0.18		1795	
	plastics	epoxy resin	-	10.842	7.00		69994	
	inorganic material	silicondioxide	60676-86-0	81.549	52.65	59.83	526446	598235
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7376	7376
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2766	2766
glue	plastics	epoxy resin	-	0.130	0.08		840	
	noble metal	silver	7440-22-4	0.737	0.48	0.56	4758	5598
*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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