

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3PCS01G	**Issued**	16. January 2020
MA#	MA001039658		
Package	PG-DSO-14-44	**Weight***	140.10 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	3.250	2.32	2.32	23196	23196
leadframe	inorganic material	phosphorus	7723-14-0	0.014	0.01		103	
	non noble metal	zinc	7440-66-6	0.057	0.04		410	
	non noble metal	iron	7439-89-6	1.150	0.82		8205	
	non noble metal	copper	7440-50-8	46.675	33.32	34.19	333165	341883
wire	noble metal	gold	7440-57-5	0.282	0.20	0.20	2012	2012
encapsulation	organic material	carbon black	1333-86-4	0.257	0.18		1832	
	plastics	epoxy resin	-	8.299	5.92		59239	
	inorganic material	silicondioxide	60676-86-0	77.001	54.96	61.06	549638	610709
leadfinish	non noble metal	tin	7440-31-5	1.226	0.88	0.88	8752	8752
plating	noble metal	silver	7440-22-4	0.307	0.22	0.22	2188	2188
glue	plastics	acrylic resin	-	0.315	0.23		2252	
	noble metal	silver	7440-22-4	1.262	0.90	1.13	9008	11260
*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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