

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3PCS01G	**Issued**	21. July 2021
MA#	MA005594420		
Package	PG-DSO-14-69	**Weight***	140.98 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	2.31	2.31	23051	23051
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		106	
	non noble metal	zinc	7440-66-6	0.060	0.04		423	
	non noble metal	iron	7439-89-6	1.193	0.85		8462	
	non noble metal	copper	7440-50-8	48.438	34.36	35.26	343588	352579
wire	noble metal	gold	7440-57-5	0.146	0.10	0.10	1036	1036
encapsulation	organic material	carbon black	1333-86-4	0.254	0.18		1804	
	plastics	epoxy resin	-	8.223	5.83		58331	
	inorganic material	silicondioxide	60676-86-0	76.299	54.12	60.13	541221	601356
leadfinish	non noble metal	tin	7440-31-5	1.417	1.01	1.01	10051	10051
plating	noble metal	silver	7440-22-4	0.192	0.14	0.14	1359	1359
glue	plastics	acrylic resin	-	0.328	0.23		2325	
	noble metal	silver	7440-22-4	1.162	0.82	1.05	8243	10568
*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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