



Material Content Data Sheet



Halogen-Free

Sales Product Name	ICE2PCS02G	Issued	04. April 2021
MA#	MA001605268		
Package	PG-DSO-8-67	Weight*	80.84 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	1.787	2.21	2.21	22105	22105
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		104	
	non noble metal	zinc	7440-66-6	0.034	0.04		416	
	non noble metal	iron	7439-89-6	0.673	0.83		8326	
	non noble metal	copper	7440-50-8	27.330	33.81	34.69	338089	346935
wire	noble metal	gold	7440-57-5	0.121	0.15	0.15	1495	1495
encapsulation	organic material	carbon black	1333-86-4	0.146	0.18		1812	
	plastics	epoxy resin	-	4.736	5.86		58583	
	inorganic material	silicondioxide	60676-86-0	43.939	54.35	60.39	543552	603947
leadfinish	non noble metal	tin	7440-31-5	0.814	1.01	1.01	10068	10068
plating	noble metal	silver	7440-22-4	0.090	0.11	0.11	1108	1108
glue	plastics	acrylic resin	-	0.232	0.29		2868	
	noble metal	silver	7440-22-4	0.927	1.15	1.44	11474	14342
*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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