

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE5QSAG	**Issued**	28. October 2019
MA#	MA005400531		
Package	PG-DSO-8-76	**Weight***	81.99 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	0.663	0.81	0.81	8083	8083
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		103	
	non noble metal	zinc	7440-66-6	0.034	0.04		411	
	non noble metal	iron	7439-89-6	0.673	0.82		8213	
	non noble metal	copper	7440-50-8	27.342	33.35	34.22	333480	342207
wires	noble metal	palladium	7440-05-3	0.001	0.00		7	
	non noble metal	copper	7440-50-8	0.053	0.06	0.06	649	656
encapsulation	organic material	carbon black	1333-86-4	0.156	0.19		1898	
	plastics	epoxy resin	-	5.031	6.14		61361	
	inorganic material	silicondioxide	60676-86-0	46.679	56.93	63.26	569329	632588
leadfinish	non noble metal	tin	7440-31-5	0.876	1.07	1.07	10682	10682
plating	noble metal	silver	7440-22-4	0.131	0.16	0.16	1602	1602
glue	plastics	acrylic resin	-	0.075	0.09		920	
	noble metal	silver	7440-22-4	0.267	0.33	0.42	3262	4182
*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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