



Material Content Data Sheet



Sales Product Name		ICE5ASAG		Issued		1. August 2018		
MA#		MA001729962						
Package		PG-DSO-8-47		Weight*		80.24 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	0.624	0.78	0.78	7773	7773
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		105	
	non noble metal	zinc	7440-66-6	0.034	0.04		419	
	non noble metal	iron	7439-89-6	0.673	0.84		8388	
wire	non noble metal	copper	7440-50-8	27.330	34.06	34.95	340595	349507
	noble metal	palladium	7440-05-3	0.001	0.00		7	
	non noble metal	copper	7440-50-8	0.054	0.07	0.07	676	683
encapsulation	organic material	carbon black	1333-86-4	0.151	0.19		1880	
	plastics	epoxy resin	-	4.877	6.08		60784	
	inorganic material	silicondioxide	60676-86-0	45.255	56.40	62.67	563979	626643
leadfinish	non noble metal	tin	7440-31-5	0.814	1.01	1.01	10142	10142
plating	noble metal	silver	7440-22-4	0.090	0.11	0.11	1116	1116
glue	plastics	acrylic resin	-	0.073	0.09		910	
	noble metal	silver	7440-22-4	0.259	0.32	0.41	3226	4136
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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