



Material Content Data Sheet



Sales Product Name		ICE5QSAG		Issued		1. August 2018		
MA#		MA001623932						
Package		PG-DSO-8-47		Weight*		80.25 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	0.83	0.83	8257	8257
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		8387	
wire	non noble metal	copper	7440-50-8	27.330	34.06	34.95	340550	349461
	noble metal	palladium	7440-05-3	0.001	0.00		7	
	non noble metal	copper	7440-50-8	0.056	0.07	0.07	692	699
encapsulation	organic material	carbon black	1333-86-4	0.151	0.19		1878	
	plastics	epoxy resin	-	4.874	6.07		60727	
	inorganic material	silicondioxide	60676-86-0	45.219	56.35	62.61	563449	626054
leadfinish	non noble metal	tin	7440-31-5	0.814	1.01	1.01	10141	10141
plating	noble metal	silver	7440-22-4	0.090	0.11	0.11	1116	1116
glue	plastics	acrylic resin	-	0.075	0.09		940	
	noble metal	silver	7440-22-4	0.267	0.33	0.42	3332	4272
*deviation	< 10%					Sum in total:	100.00	1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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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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