



Material Content Data Sheet



Sales Product Name		ICE3PCS01G		Issued		23. January 2018		
MA#		MA001039658						
Package		PG-DSO-14-44		Weight*		140.10 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	2.32	2.32	23196	23196
leadframe	inorganic material	phosphorus	7723-14-0	0.014	0.01		103	
	non noble metal	zinc	7440-66-6	0.057	0.04		410	
	non noble metal	iron	7439-89-6	1.150	0.82		8205	
wire	non noble metal	copper	7440-50-8	46.675	33.32	34.19	333165	341883
	noble metal	gold	7440-57-5	0.282	0.20	0.20	2012	2012
	encapsulation	organic material	carbon black	1333-86-4	0.257	0.18		1832
	plastics	epoxy resin	-	8.299	5.92		59238	
		inorganic material	silicondioxide	60676-86-0	77.001	54.96	61.06	549634
leadfinish	non noble metal	tin	7440-31-5	1.226	0.88	0.88	8752	8752
plating	noble metal	silver	7440-22-4	0.307	0.22	0.22	2188	2188
glue	plastics	acrylic resin	-	0.316	0.23		2253	
		noble metal	silver	7440-22-4	1.262	0.90	1.13	9012
*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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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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