



Material Content Data Sheet



Sales Product Name		ICE2PCS01G		Issued		22. January 2018		
MA#		MA001039712						
Package		PG-DSO-8-41		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		8327	
wire	non noble metal	copper	7440-50-8	27.330	33.81	34.69	338092	346939
	noble metal	gold	7440-57-5	0.120	0.15	0.15	1484	1484
	encapsulation	organic material	carbon black	1333-86-4	0.146	0.18		1812
encapsulation	plastics	epoxy resin	-	4.736	5.86		58583	
	inorganic material	silicondioxide	60676-86-0	43.939	54.35	60.39	543559	603954
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:

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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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