



## Material Content Data Sheet



<b>Sales Product Name</b>		ICE1CS02		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001033032						
<b>Package</b>		PG-DIP-16-4		<b>Weight*</b>		1030.87 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	3.475	0.34	0.34	3371	3371
leadframe	inorganic material	phosphorus	7723-14-0	0.109	0.01		106	
	non noble metal	zinc	7440-66-6	0.436	0.04		423	
	non noble metal	iron	7439-89-6	8.719	0.85		8458	
wire	non noble metal	copper	7440-50-8	354.021	34.34	35.24	343420	352407
	noble metal	gold	7440-57-5	0.744	0.07	0.07	722	722
	encapsulation	organic material	carbon black	1333-86-4	3.229	0.31		3133
encapsulation	inorganic material	antimonytrioxide	1309-64-4	12.917	1.25		12530	
	plastics	brominated resin	-	12.917	1.25		12530	
	plastics	epoxy resin	-	132.400	12.84		128435	
	inorganic material	silicondioxide	60676-86-0	484.389	47.01	62.66	469884	626512
leadfinish	non noble metal	tin	7440-31-5	15.796	1.53	1.53	15323	15323
plating	noble metal	silver	7440-22-4	0.358	0.03	0.03	347	347
glue	plastics	epoxy resin	-	0.408	0.04		395	
	noble metal	silver	7440-22-4	0.951	0.09	0.13	923	1318
*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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