



Material Content Data Sheet



Sales Product Name		ICE3BR0680JZ		Issued		24. January 2018		
MA#		MA001046980						
Package		PG-DIP-7-3		Weight*		646.15 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	8.340	1.29	1.29	12908	12908
leadframe	inorganic material	phosphorus	7723-14-0	0.048	0.01		75	
	non noble metal	zinc	7440-66-6	0.194	0.03		300	
	non noble metal	iron	7439-89-6	3.872	0.60		5992	
wire	non noble metal	copper	7440-50-8	157.218	24.33	24.97	243316	249683
	noble metal	gold	7440-57-5	0.405	0.06	0.06	627	627
	encapsulation	organic material	carbon black	1333-86-4	2.326	0.36		3600
encapsulation	plastics	epoxy resin	-	62.809	9.72		97206	
	inorganic material	silicondioxide	60676-86-0	400.120	61.93	72.01	619242	720048
leadfinish	non noble metal	tin	7440-31-5	6.460	1.00	1.00	9997	9997
plating	noble metal	silver	7440-22-4	1.594	0.25	0.25	2467	2467
glue	plastics	epoxy resin	-	0.483	0.07		747	
	noble metal	silver	7440-22-4	2.277	0.35	0.42	3523	4270
*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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