



Material Content Data Sheet



Sales Product Name		ICE2A180Z		Issued		25. September 2017		
MA#		MA001330632						
Package		PG-DIP-7-4		Weight*		653.71 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	7.151	1.09	1.09	10938	10938
leadframe	inorganic material	phosphorus	7723-14-0	0.049	0.01		74	
	non noble metal	zinc	7440-66-6	0.194	0.03		297	
	non noble metal	iron	7439-89-6	3.884	0.59		5942	
wire	non noble metal	copper	7440-50-8	157.726	24.13	24.76	241277	247590
	noble metal	gold	7440-57-5	0.174	0.03	0.03	266	266
	encapsulation	organic material	carbon black	1333-86-4	1.418	0.22		2170
encapsulation	plastics	epoxy resin	-	45.862	7.02		70157	
	inorganic material	silicondioxide	60676-86-0	425.528	65.08	72.32	650941	723268
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9881	9881
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2923	2923
glue	plastics	epoxy resin	-	0.503	0.08		770	
	noble metal	silver	7440-22-4	2.853	0.44	0.52	4364	5134
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com