



Material Content Data Sheet



Sales Product Name		ICE3A2065Z		Issued		20. July 2018		
MA#		MA001729110						
Package		PG-DIP-7-3		Weight*		645.14 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	5.194	0.81	0.81	8051	8051
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		6002	
wire	non noble metal	copper	7440-50-8	157.218	24.37	25.01	243696	250073
	noble metal	gold	7440-57-5	0.350	0.05	0.05	543	543
	encapsulation	organic material	carbon black	1333-86-4	2.343	0.36		3631
encapsulation	plastics	epoxy resin	-	63.256	9.80		98050	
	inorganic material	silicondioxide	60676-86-0	402.965	62.47	72.63	624617	726298
	leadfinish	non noble metal	tin	7440-31-5	6.460	1.00	1.00	10013
plating	noble metal	silver	7440-22-4	1.594	0.25	0.25	2471	2471
glue	plastics	epoxy resin	-	0.288	0.04		446	
	noble metal	silver	7440-22-4	1.358	0.21	0.25	2105	2551
*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