



Material Content Data Sheet



Sales Product Name		ICE3BR2280JZ		Issued		27. September 2017			
MA#		MA001118214							
Package		PG-DIP-7-4		Weight*		652.86 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	4.427	0.68	0.68	6781	6781	
leadframe	inorganic material	phosphorus	7723-14-0	0.049	0.01		74		
	non noble metal	zinc	7440-66-6	0.194	0.03		298		
	non noble metal	iron	7439-89-6	3.884	0.60		5950		
wire	non noble metal	copper	7440-50-8	157.726	24.16	24.80	241594	247916	
	noble metal	gold	7440-57-5	0.273	0.04	0.04	418	418	
	encapsulation	organic material	carbon black	1333-86-4	1.428	0.22		2187	
plating	plastics	epoxy resin	-	46.163	7.07		70709		
	inorganic material	silicondioxide	60676-86-0	428.316	65.60	72.89	656066	728962	
	leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9894	9894
glue	noble metal	silver	7440-22-4	1.911	0.29	0.29	2927	2927	
*deviation	< 10%	plastics	epoxy resin	-	0.304	0.05		465	
		noble metal	silver	7440-22-4	1.722	0.26	0.31	2637	3102
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