



Material Content Data Sheet



Sales Product Name		ICE3AR4780CJZ		Issued		24. January 2018			
MA#		MA001860914							
Package		PG-DIP-7-3		Weight*		645.09 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	3.854	0.60	0.60	5975	5975	
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	243716	250093	
	noble metal	gold	7440-57-5	0.374	0.06	0.06	579	579	
	encapsulation	organic material	carbon black	1333-86-4	2.348	0.36		3639	
encapsulation	plastics	epoxy resin	-	63.390	9.83		98266		
	inorganic material	silicondioxide	60676-86-0	403.819	62.60	72.79	625994	727899	
leadfinish	non noble metal	tin	7440-31-5	6.460	1.00	1.00	10013	10013	
plating	noble metal	silver	7440-22-4	1.594	0.25	0.25	2471	2471	
glue	plastics	epoxy resin	-	0.335	0.05		520		
	noble metal	silver	7440-22-4	1.580	0.24	0.29	2450	2970	
*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