



Material Content Data Sheet



Sales Product Name		ICE5QR4780AZ		Issued		1. August 2018		
MA#		MA001633536						
Package		PG-DIP-7-6		Weight*		651.73 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	1.358	0.21	0.21	2083	2083
leadframe	inorganic material	phosphorus	7723-14-0	0.049	0.01		75	
	non noble metal	zinc	7440-66-6	0.194	0.03		298	
	non noble metal	iron	7439-89-6	3.884	0.60		5960	
wire	non noble metal	copper	7440-50-8	157.726	24.20	24.84	242013	248346
	noble metal	palladium	7440-05-3	0.001	0.00		2	
	non noble metal	copper	7440-50-8	0.112	0.02	0.02	171	173
encapsulation	organic material	carbon black	1333-86-4	1.438	0.22		2206	
	plastics	epoxy resin	-	46.491	7.13		71336	
	inorganic material	silicondioxide	60676-86-0	431.364	66.18	73.53	661881	735423
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9911	9911
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2932	2932
glue	plastics	epoxy resin	-	0.111	0.02		170	
	noble metal	silver	7440-22-4	0.627	0.10	0.12	962	1132
*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

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