



Material Content Data Sheet



Sales Product Name	ICE2QR4780Z			Issued		28. January 2020		
MA#	MA001064166							
Package	PG-DIP-7-4			Weight*		652.59 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.769	0.27	0.27	2710	2710
chip_2	inorganic material	silicon	7440-21-3	1.570	0.24	0.24	2405	2405
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		5952	
	non noble metal	copper	7440-50-8	157.726	24.17	24.81	241691	248015
wire	noble metal	gold	7440-57-5	0.275	0.04	0.04	422	422
encapsulation	organic material	carbon black	1333-86-4	1.431	0.22		2193	
	plastics	epoxy resin	-	46.269	7.09		70901	
	inorganic material	silicondioxide	60676-86-0	429.302	65.78	73.09	657839	730933
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9898	9898
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2928	2928
glue	plastics	epoxy resin	-	0.263	0.04		403	
	noble metal	silver	7440-22-4	1.492	0.23	0.27	2286	2689
*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

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