



Material Content Data Sheet



Halogen-Free

Sales Product Name	ICE3AR1580VJZ	Issued	23. June 2021
MA#	MA005538244		
Package	PG-DIP-7-4	Weight*	653.07 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	3.262	0.50	0.50	4995	4995
chip_2	inorganic material	silicon	7440-21-3	2.080	0.32	0.32	3184	3184
leadframe	inorganic material	phosphorus	7723-14-0	0.049	0.01		74	
	non noble metal	zinc	7440-66-6	0.194	0.03		297	
	non noble metal	iron	7439-89-6	3.884	0.59		5948	
	non noble metal	copper	7440-50-8	157.726	24.15	24.78	241513	247832
wire	noble metal	gold	7440-57-5	0.285	0.04	0.04	437	437
encapsulation	organic material	carbon black	1333-86-4	1.425	0.22		2182	
	plastics	epoxy resin	-	46.075	7.06		70552	
	inorganic material	silicondioxide	60676-86-0	427.504	65.46	72.74	654604	727338
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9891	9891
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2926	2926
glue	plastics	epoxy resin	-	0.333	0.05		510	
	noble metal	silver	7440-22-4	1.886	0.29	0.34	2887	3397
*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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