



Material Content Data Sheet



Halogen-Free

Sales Product Name	ICE3BR4765J	Issued	23. June 2021
MA#	MA005537969		
Package	PG-DIP-8-13	Weight*	556.98 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	1.025	0.18	0.18	1840	1840
chip_2	inorganic material	silicon	7440-21-3	1.455	0.26	0.26	2612	2612
leadframe	inorganic material	phosphorus	7723-14-0	0.054	0.01		96	
	non noble metal	zinc	7440-66-6	0.215	0.04		386	
	non noble metal	iron	7439-89-6	4.297	0.77		7715	
	non noble metal	copper	7440-50-8	174.475	31.33	32.15	313252	321449
wire	noble metal	gold	7440-57-5	0.286	0.05	0.05	514	514
encapsulation	organic material	carbon black	1333-86-4	1.096	0.20		1968	
	plastics	epoxy resin	-	35.440	6.36		63630	
	inorganic material	silicondioxide	60676-86-0	328.828	59.04	65.60	590379	655977
leadfinish	non noble metal	tin	7440-31-5	7.496	1.35	1.35	13458	13458
plating	noble metal	silver	7440-22-4	0.796	0.14	0.14	1429	1429
glue	plastics	epoxy resin	-	0.227	0.04		408	
	noble metal	silver	7440-22-4	1.288	0.23	0.27	2313	2721
*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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