

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3BR4765JZ	**Issued**	30. March 2021
MA#	MA000979890		
Package	PG-DIP-7-4	**Weight***	652.39 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	0.16	0.16	1571	1571
chip_2	inorganic material	silicon	7440-21-3	1.455	0.22	0.22	2230	2230
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		5954	
	non noble metal	copper	7440-50-8	157.726	24.18	24.82	241767	248093
wire	noble metal	gold	7440-57-5	0.291	0.04	0.04	446	446
encapsulation	organic material	carbon black	1333-86-4	1.434	0.22		2198	
	plastics	epoxy resin	-	46.354	7.11		71053	
	inorganic material	silicondioxide	60676-86-0	430.091	65.92	73.25	659256	732507
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9901	9901
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2929	2929
glue	plastics	epoxy resin	-	0.227	0.03		348	
	noble metal	silver	7440-22-4	1.288	0.20	0.23	1975	2323
*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.
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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 Neubiberg
Internet	www.infineon.com