

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3RBR1765JG	**Issued**	23. June 2021
MA#	MA005544884		
Package	PG-DSO-12-19	**Weight***	155.40 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	1.890	1.22	1.22	12160	12160
chip_2	inorganic material	silicon	7440-21-3	1.890	1.22	1.22	12160	12160
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		112	
	non noble metal	zinc	7440-66-6	0.069	0.04		446	
	non noble metal	iron	7439-89-6	1.386	0.89		8921	
	non noble metal	copper	7440-50-8	56.286	36.22	37.16	362213	371692
wire	noble metal	gold	7440-57-5	0.219	0.14	0.14	1411	1411
encapsulation	organic material	carbon black	1333-86-4	0.272	0.18		1751	
	plastics	epoxy resin	-	10.614	6.83		68302	
	inorganic material	silicondioxide	60676-86-0	79.831	51.36	58.37	513727	583780
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7353	7353
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2757	2757
glue	plastics	epoxy resin	-	0.202	0.13		1303	
	noble metal	silver	7440-22-4	1.147	0.74	0.87	7384	8687
*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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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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