

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3AR4780JG	**Issued**	23. June 2021
MA#	MA005543223		
Package	PG-DSO-12-19	**Weight***	155.17 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	1.204	0.78	0.78	7759	7759
chip_2	inorganic material	silicon	7440-21-3	1.570	1.01	1.01	10115	10115
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		112	
	non noble metal	zinc	7440-66-6	0.069	0.04		447	
	non noble metal	iron	7439-89-6	1.386	0.89		8933	
	non noble metal	copper	7440-50-8	56.286	36.27	37.21	362733	372225
wire	noble metal	gold	7440-57-5	0.246	0.16	0.16	1584	1584
encapsulation	organic material	carbon black	1333-86-4	0.275	0.18		1773	
	plastics	epoxy resin	-	10.730	6.91		69148	
	inorganic material	silicondioxide	60676-86-0	80.703	52.01	59.10	520089	591010
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7364	7364
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2761	2761
glue	plastics	epoxy resin	-	0.167	0.11		1077	
	noble metal	silver	7440-22-4	0.947	0.61	0.72	6105	7182
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com