

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE5GR4780AG	**Issued**	13. May 2021
MA#	MA001990894		
Package	PG-DSO-12-21	**Weight***	154.65 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	1.358	0.88	0.88	8779	8779
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		112	
	non noble metal	zinc	7440-66-6	0.069	0.04		448	
	non noble metal	iron	7439-89-6	1.386	0.90		8964	
	non noble metal	copper	7440-50-8	56.286	36.40	37.35	363959	373483
wire	noble metal	palladium	7440-05-3	0.001			5	
	non noble metal	copper	7440-50-8	0.084	0.05	0.05	542	547
encapsulation	organic material	carbon black	1333-86-4	0.279	0.18		1807	
	plastics	epoxy resin	-	10.897	7.05		70464	
	inorganic material	silicondioxide	60676-86-0	81.962	52.99	60.22	529989	602260
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7389	7389
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2771	2771
glue	plastics	epoxy resin	-	0.111	0.07		716	
	noble metal	silver	7440-22-4	0.627	0.41	0.48	4055	4771
*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.

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