



## Material Content Data Sheet



<b>Sales Product Name</b>		ICE5GR4780AG		<b>Issued</b>		31. July 2018			
<b>MA#</b>		MA001990894							
<b>Package</b>		PG-DSO-12-21		<b>Weight*</b>		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		
wire	non noble metal	copper	7440-50-8	56.286	36.40	37.35	363959	373483	
	noble metal	palladium	7440-05-3	0.001	0.00		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.
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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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