



## Material Content Data Sheet



<b>Sales Product Name</b>		ICE5GR2280AG		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001808518						
<b>Package</b>		PG-DSO-12-21		<b>Weight*</b>		154.74 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	1.709	1.10	1.10	11045	11045
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		8958	
wire	non noble metal	copper	7440-50-8	56.286	36.37	37.32	363738	373256
	noble metal	palladium	7440-05-3	0.001	0.00		6	
	non noble metal	copper	7440-50-8	0.085	0.06	0.06	552	558
encapsulation	organic material	carbon black	1333-86-4	0.278	0.18		1799	
	plastics	epoxy resin	-	10.856	7.02		70152	
	inorganic material	silicondioxide	60676-86-0	81.649	52.76	59.96	527642	599593
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7384	7384
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2769	2769
glue	plastics	epoxy resin	-	0.125	0.08		809	
	noble metal	silver	7440-22-4	0.710	0.46	0.54	4586	5395
*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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