



Material Content Data Sheet



Sales Product Name		ICE5GR2280AG		Issued		23. January 2018			
MA#		MA001808518							
Package		PG-DSO-12-21		Weight*		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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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 München
Internet	www.infineon.com