



Material Content Data Sheet



Sales Product Name		ICE5GR2280AG		Issued		25. January 2018		
MA#		MA001994414						
Package		PG-DSO-12-21		Weight*		154.62 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	1.247	0.81	0.81	8068	8068
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		8965	
wire	non noble metal	copper	7440-50-8	56.286	36.40	37.35	364030	373555
	noble metal	palladium	7440-05-3	0.001	0.00		6	
	non noble metal	copper	7440-50-8	0.085	0.06	0.06	553	559
encapsulation	organic material	carbon black	1333-86-4	0.280	0.18		1809	
	plastics	epoxy resin	-	10.911	7.06		70564	
	inorganic material	silicondioxide	60676-86-0	82.062	53.06	60.30	530738	603111
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7390	7390
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2771	2771
glue	plastics	epoxy resin	-	0.105	0.07		682	
	noble metal	silver	7440-22-4	0.597	0.39	0.46	3864	4546
*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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