



Material Content Data Sheet



Sales Product Name		ICE5AR0680AG		Issued		19. January 2018		
MA#		MA001976930						
Package		PG-DSO-12-21		Weight*		155.31 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	4.052	2.61	2.61	26090	26090
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		112	
	non noble metal	zinc	7440-66-6	0.069	0.04		446	
	non noble metal	iron	7439-89-6	1.386	0.89		8925	
wire	non noble metal	copper	7440-50-8	56.286	36.24	37.18	362412	371895
	noble metal	palladium	7440-05-3	0.001	0.00		6	
	non noble metal	copper	7440-50-8	0.092	0.06	0.06	591	597
encapsulation	organic material	carbon black	1333-86-4	0.271	0.17		1748	
	plastics	epoxy resin	-	10.587	6.82		68164	
	inorganic material	silicondioxide	60676-86-0	79.625	51.27	58.26	512689	582601
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7357	7357
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2759	2759
glue	plastics	epoxy resin	-	0.203	0.13		1305	
	noble metal	silver	7440-22-4	1.149	0.74	0.87	7396	8701
*deviation	< 10%				Sum in total:		100.00	1000000

Important Remarks:

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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