



Material Content Data Sheet



Sales Product Name		ITS716G		Issued		19. July 2018		
MA#		MA001116396						
Package		PG-DSO-20-32		Weight*		478.31 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	7.009	1.47	1.47	14654	14654
leadframe	inorganic material	phosphorus	7723-14-0	0.036	0.01		75	
	non noble metal	zinc	7440-66-6	0.143	0.03		299	
	non noble metal	iron	7439-89-6	2.862	0.60		5983	
wire	non noble metal	copper	7440-50-8	116.197	24.29	24.93	242933	249290
	non noble metal	aluminium	7429-90-5	0.430	0.09	0.09	900	900
	encapsulation	organic material	carbon black	1333-86-4	0.692	0.14		1446
plating	plastics	epoxy resin	-	31.824	6.65		66536	
	inorganic material	silicondioxide	60676-86-0	313.401	65.54	72.33	655230	723212
leadfinish	non noble metal	tin	7440-31-5	2.746	0.57	0.57	5741	5741
glue	non noble metal	nickel	7440-02-0	0.341	0.07		713	
	inorganic material	phosphorus	7723-14-0	0.001	0.00		2	
glue	noble metal	silver	7440-22-4	0.588	0.12	0.19	1230	1945
	plastics	epoxy resin	-	0.356	0.07		745	
*deviation	< 10%			1.680	0.35	0.42	3513	4258
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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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