



Material Content Data Sheet



Sales Product Name				IFX80471SK V		Issued		19. January 2018	
MA#				MA001391506					
Package				PG-DSO-14-62		Weight*		144.41 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	6.620	4.58	4.58	45844	45844	
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		108		
	non noble metal	zinc	7440-66-6	0.062	0.04		430		
	non noble metal	iron	7439-89-6	1.243	0.86		8609		
wire	non noble metal	copper	7440-50-8	50.479	34.96	35.87	349556	358703	
	noble metal	palladium	7440-05-3	0.002	0.00		12		
	non noble metal	copper	7440-50-8	0.166	0.12	0.12	1151	1163	
encapsulation	organic material	carbon black	1333-86-4	0.240	0.17		1661		
	plastics	epoxy resin	-	9.356	6.48		64785		
	inorganic material	silicondioxide	60676-86-0	70.367	48.71	55.36	487273	553719	
leadfinish	noble metal	palladium	7440-05-3	0.020	0.01		142		
	noble metal	gold	7440-57-5	0.033	0.02		227		
	non noble metal	nickel	7440-02-0	0.719	0.50	0.53	4981	5350	
plating	noble metal	gold	7440-57-5	0.109	0.08		756		
	noble metal	palladium	7440-05-3	0.068	0.05		471		
	non noble metal	nickel	7440-02-0	2.392	1.66	1.79	16563	17790	
glue	plastics	epoxy resin	-	0.629	0.44		4358		
	noble metal	silver	7440-22-4	1.888	1.31	1.75	13073	17431	
*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.
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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com