



Material Content Data Sheet



Sales Product Name		IFX80471SK V50		Issued		27. September 2017			
MA#		MA000981506							
Package		PG-DSO-14-1		Weight*		144.02 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	4.60	4.60	45969	45969	
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		105		
		non noble metal	zinc	7440-66-6	0.060	0.04		419	
		non noble metal	iron	7439-89-6	1.207	0.84		8380	
wire	noble metal	non noble metal	copper	7440-50-8	49.007	34.03	34.92	340282	349186
		noble metal	gold	7440-57-5	0.302	0.21	0.21	2096	2096
		organic material	carbon black	1333-86-4	0.165	0.11		1143	
encapsulation	plastics	epoxy resin	-	7.571	5.26		52570		
		inorganic material	silicondioxide	60676-86-0	74.558	51.77	57.14	517700	571413
leadfinish	non noble metal	tin	7440-31-5	1.226	0.85	0.85	8514	8514	
plating	noble metal	silver	7440-22-4	1.030	0.72	0.72	7150	7150	
glue	plastics	acrylic resin	-	0.497	0.34		3448		
		noble metal	silver	7440-22-4	1.761	1.22	1.56	12224	15672
*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

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