



Material Content Data Sheet



Sales Product Name		IFX80471SK V		Issued		25. January 2018		
MA#		MA001680278						
Package		PG-DSO-14-1		Weight*		144.01 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	45972	45972
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		8381	
wire	non noble metal	copper	7440-50-8	49.007	34.03	34.92	340310	349215
	noble metal	gold	7440-57-5	0.291	0.20	0.20	2021	2021
	encapsulation	organic material	carbon black	1333-86-4	0.165	0.11		1143
plastics	plastics	epoxy resin	-	7.571	5.26		52577	
		silicondioxide	60676-86-0	74.562	51.78	57.15	517767	571487
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	7151	7151
glue	plastics	acrylic resin	-	0.495	0.34		3441	
		noble metal	silver	7440-22-4	1.757	1.22	1.56	12199
*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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