



## Material Content Data Sheet



<b>Sales Product Name</b>		IFX80471SK V50		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA001676638						
<b>Package</b>		PG-DSO-14-62		<b>Weight*</b>		143.63 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	4.61	4.61	46093	46093
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		108	
	non noble metal	zinc	7440-66-6	0.062	0.04		433	
	non noble metal	iron	7439-89-6	1.243	0.87		8656	
wire	non noble metal	copper	7440-50-8	50.479	35.15	36.07	351455	360652
	noble metal	palladium	7440-05-3	0.002	0.00		11	
	non noble metal	copper	7440-50-8	0.157	0.11	0.11	1090	1101
encapsulation	organic material	carbon black	1333-86-4	0.240	0.17		1670	
	plastics	epoxy resin	-	9.356	6.51		65139	
	inorganic material	silicondioxide	60676-86-0	70.369	48.98	55.66	489933	556742
plating	noble metal	gold	7440-57-5	0.109	0.08		761	
	noble metal	palladium	7440-05-3	0.068	0.05		473	
	non noble metal	nickel	7440-02-0	2.392	1.67	1.80	16653	17887
glue	plastics	epoxy resin	-	0.629	0.44		4381	
	noble metal	silver	7440-22-4	1.888	1.31	1.75	13144	17525
*deviation	< 10%				Sum in total:		100.00	1000000

### Important Remarks:

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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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