



Material Content Data Sheet



Sales Product Name		IFX4949SJ		Issued		25. September 2017		
MA#		MA001028646						
Package		PG-DSO-8-44		Weight*		82.60 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	0.577	0.70	0.70	6986	6986
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		109	
	non noble metal	zinc	7440-66-6	0.036	0.04		434	
	non noble metal	iron	7439-89-6	0.717	0.87		8683	
wire	non noble metal	copper	7440-50-8	29.121	35.26	36.18	352562	361788
	non noble metal	copper	7440-50-8	0.081	0.10	0.10	980	980
	organic material	carbon black	1333-86-4	0.101	0.12		1219	
encapsulation	plastics	epoxy resin	-	4.630	5.61		56052	
	inorganic material	silicondioxide	60676-86-0	45.593	55.19	60.92	551986	609257
leadfinish	non noble metal	tin	7440-31-5	0.824	1.00	1.00	9976	9976
plating	noble metal	silver	7440-22-4	0.650	0.79	0.79	7872	7872
glue	plastics	acrylic resin	-	0.057	0.07		691	
	noble metal	silver	7440-22-4	0.202	0.24	0.31	2450	3141
*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.
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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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