



## Material Content Data Sheet



<b>Sales Product Name</b>		IFX54441EJ V		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA001134376						
<b>Package</b>		PG-DSO-8-52		<b>Weight*</b>		83.76 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	1.268	1.51	1.51	15139	15139
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	0.728	0.87		8688	
wire	non noble metal	copper	7440-50-8	29.548	35.28	36.20	352760	361991
	non noble metal	copper	7440-50-8	0.067	0.08	0.08	801	801
	encapsulation	organic material	carbon black	1333-86-4	0.100	0.12		1199
encapsulation	plastics	epoxy resin	-	4.620	5.52		55163	
	inorganic material	silicondioxide	60676-86-0	45.502	54.33	59.97	543233	599595
leadfinish	non noble metal	tin	7440-31-5	0.695	0.83	0.83	8299	8299
plating	noble metal	silver	7440-22-4	0.725	0.86	0.86	8650	8650
glue	plastics	epoxy resin	-	0.116	0.14		1381	
	noble metal	silver	7440-22-4	0.347	0.41	0.55	4144	5525
*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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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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