

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IFX1040SJ	**Issued**	15. April 2021
MA#	MA005404226		
Package	PG-DSO-8-16	**Weight***	83.64 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	3.755	4.49	4.49	44891	44891
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		107	
	non noble metal	zinc	7440-66-6	0.036	0.04		429	
	non noble metal	iron	7439-89-6	0.717	0.86		8575	
	non noble metal	copper	7440-50-8	29.121	34.82	35.73	348177	357288
wire	noble metal	gold	7440-57-5	0.199	0.24	0.24	2384	2384
encapsulation	organic material	carbon black	1333-86-4	0.093	0.11		1117	
	plastics	epoxy resin	-	4.299	5.14		51401	
	inorganic material	silicondioxide	60676-86-0	42.337	50.62	55.87	506192	558710
leadfinish	non noble metal	tin	7440-31-5	0.814	0.97	0.97	9730	9730
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7774	7774
glue	plastics	acrylic resin	-	0.354	0.42		4229	
	noble metal	silver	7440-22-4	1.254	1.50	1.92	14994	19223
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com