

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IFX1051SJ	**Issued**	01. April 2021
MA#	MA001507260		
Package	PG-DSO-8-64	**Weight***	81.52 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	1.493	1.83	1.83	18310	18310
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		107	
	non noble metal	zinc	7440-66-6	0.035	0.04		427	
	non noble metal	iron	7439-89-6	0.696	0.85		8535	
	non noble metal	copper	7440-50-8	28.249	34.65	35.55	346538	355607
wires	noble metal	palladium	7440-05-3	0.001			10	
	non noble metal	copper	7440-50-8	0.079	0.10	0.10	969	979
encapsulation	organic material	carbon black	1333-86-4	0.145	0.18		1781	
	plastics	epoxy resin	-	5.661	6.94		69450	
	inorganic material	silicondioxide	60676-86-0	42.581	52.25	59.37	522361	593592
leadfinish	noble metal	palladium	7440-05-3	0.014	0.02		166	
	noble metal	gold	7440-57-5	0.022	0.03		267	
	non noble metal	nickel	7440-02-0	0.477	0.59	0.64	5857	6290
plating	noble metal	palladium	7440-05-3	0.038	0.05		464	
	noble metal	gold	7440-57-5	0.061	0.07		747	
	non noble metal	nickel	7440-02-0	1.333	1.63	1.75	16348	17559
glue	plastics	epoxy resin	-	0.156	0.19		1916	
	noble metal	silver	7440-22-4	0.468	0.57	0.76	5747	7663
*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.

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