

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IFX2931G V50	**Issued**	05. February 2022
MA#	MA001369674		
Package	PG-DSO-8-46	**Weight***	82.51 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	1.089	1.32	1.32	13203	13203
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		110	
	non noble metal	zinc	7440-66-6	0.036	0.04		438	
	non noble metal	iron	7439-89-6	0.723	0.88		8767	
	non noble metal	copper	7440-50-8	29.372	35.60	36.53	355970	365285
wire	non noble metal	copper	7440-50-8	0.039	0.05	0.05	472	472
encapsulation	organic material	carbon black	1333-86-4	0.100	0.12		1207	
	plastics	epoxy resin	-	4.582	5.55		55537	
	inorganic material	silicondioxide	60676-86-0	45.127	54.70	60.37	546921	603665
leadfinish	non noble metal	tin	7440-31-5	0.814	0.99	0.99	9863	9863
plating	noble metal	silver	7440-22-4	0.144	0.17	0.17	1747	1747
glue	plastics	epoxy resin	-	0.119	0.14		1441	
	noble metal	silver	7440-22-4	0.357	0.43	0.57	4324	5765
*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