Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IFX2931G V50	**Issued**	27. September 2017
MA#	MA000981456		
Package	PG-DSO-8-28	**Weight***	82.76 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	1.089	1.32	1.32	13164	13164
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.036	0.04		433	
	non noble metal	iron	7439-89-6	0.717	0.87		8666	
	non noble metal	copper	7440-50-8	29.121	35.19	36.11	351890	361097
wire	noble metal	gold	7440-57-5	0.101	0.12	0.12	1226	1226
encapsulation	organic material	carbon black	1333-86-4	0.100	0.12		1203	
	plastics	epoxy resin	-	4.579	5.53		55328	
	inorganic material	silicondioxide	60676-86-0	45.091	54.49	60.14	544863	601394
leadfinish	non noble metal	tin	7440-31-5	0.814	0.98	0.98	9834	9834
plating	noble metal	silver	7440-22-4	0.650	0.79	0.79	7857	7857
glue	plastics	acrylic resin	-	0.099	0.12		1194	
	noble metal	silver	7440-22-4	0.350	0.42	0.54	4234	5428
*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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