



Material Content Data Sheet



Sales Product Name		IFX1051LE		Issued		25. September 2017		
MA#		MA001335656						
Package		PG-TSON-8-1		Weight*		27.05 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	5.52	5.52	55184	55184
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		109	
	non noble metal	zinc	7440-66-6	0.012	0.04		436	
	non noble metal	iron	7439-89-6	0.236	0.87		8728	
wire	non noble metal	copper	7440-50-8	9.586	35.44	36.36	354409	363682
	non noble metal	copper	7440-50-8	0.035	0.13	0.13	1305	1305
	encapsulation	organic material	carbon black	1333-86-4	0.029	0.11		1082
plastics	plastics	epoxy resin	-	1.507	5.57		55704	
	inorganic material	silicondioxide	60676-86-0	13.092	48.41	54.09	484034	540820
leadfinish	non noble metal	tin	7440-31-5	0.387	1.43	1.43	14307	14307
plating	noble metal	silver	7440-22-4	0.043	0.16	0.16	1607	1607
glue	plastics	epoxy resin	-	0.156	0.58		5774	
	noble metal	silver	7440-22-4	0.468	1.73	2.31	17321	23095
*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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