



Material Content Data Sheet



Sales Product Name		IFX90121EL V50		Issued		27. September 2017			
MA#		MA001122772							
Package		PG-SSOP-14-3		Weight*		82.95 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	1.797	2.17	2.17	21671	21671	
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		104		
		non noble metal	zinc	7440-66-6	0.034	0.04		415	
		non noble metal	iron	7439-89-6	0.689	0.83		8307	
wire	noble metal	non noble metal	copper	7440-50-8	27.978	33.73	34.61	337304	346130
		noble metal	gold	7440-57-5	0.130	0.16	0.16	1564	1564
		organic material	carbon black	1333-86-4	0.100	0.12		1203	
encapsulation	plastics	epoxy resin	-	4.592	5.54		55358		
		inorganic material	silicondioxide	60676-86-0	45.218	54.50	60.16	545159	601720
leadfinish	non noble metal	tin	7440-31-5	0.976	1.18	1.18	11768	11768	
plating	noble metal	silver	7440-22-4	0.768	0.93	0.93	9254	9254	
glue	plastics	epoxy resin	-	0.164	0.20		1973		
		noble metal	silver	7440-22-4	0.491	0.59	0.79	5920	7893
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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

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