



## Material Content Data Sheet



<b>Sales Product Name</b>		SAF-XE164K-96F66L AC		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA001584946						
<b>Package</b>		PG-LQFP-100-3		<b>Weight*</b>		752.64 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	40.856	5.43	5.43	54283	54283
leadframe	inorganic material	phosphorus	7723-14-0	0.068	0.01		90	
	non noble metal	zinc	7440-66-6	0.272	0.04		361	
	non noble metal	iron	7439-89-6	5.439	0.72		7227	
wire	non noble metal	copper	7440-50-8	220.854	29.34	30.11	293439	301117
	noble metal	gold	7440-57-5	4.244	0.56	0.56	5638	5638
	organic material	carbon black	1333-86-4	2.299	0.31		3055	
encapsulation	plastics	epoxy resin	-	62.081	8.25		82484	
	inorganic material	silicondioxide	60676-86-0	395.476	52.55	61.11	525452	610991
leadfinish	non noble metal	tin	7440-31-5	8.316	1.10	1.10	11050	11050
plating	noble metal	silver	7440-22-4	2.259	0.30	0.30	3001	3001
glue	plastics	epoxy resin	-	2.619	0.35		3480	
	noble metal	silver	7440-22-4	7.858	1.04	1.39	10440	13920
*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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