

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAF-XE164K-96F66L AC	**Issued**	02. June 2021
MA#	MA001584946		
Package	PG-LQFP-100-3	**Weight***	747.77 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	5.46	5.46	54637	54637
leadframe	inorganic material	phosphorus	7723-14-0	0.067	0.01		90	
	non noble metal	zinc	7440-66-6	0.270	0.04		361	
	non noble metal	iron	7439-89-6	5.396	0.72		7216	
	non noble metal	copper	7440-50-8	219.094	29.30	30.07	292997	300664
wire	noble metal	gold	7440-57-5	4.246	0.57	0.57	5678	5678
encapsulation	organic material	carbon black	1333-86-4	2.290	0.31		3063	
	plastics	epoxy resin	-	61.833	8.27		82690	
	inorganic material	silicondioxide	60676-86-0	393.897	52.67	61.25	526763	612516
leadfinish	non noble metal	tin	7440-31-5	8.282	1.11	1.11	11076	11076
plating	noble metal	silver	7440-22-4	1.060	0.14	0.14	1418	1418
glue	plastics	epoxy resin	-	2.619	0.35		3503	
	noble metal	silver	7440-22-4	7.858	1.05	1.40	10508	14011
*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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