



Material Content Data Sheet



Sales Product Name		SAF-XE164HM-72F80L AA		Issued		27. September 2017		
MA#		MA001034308						
Package		PG-LQFP-100-8		Weight*		755.66 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	38.601	5.11	5.11	51082	51082
leadframe	inorganic material	phosphorus	7723-14-0	0.069	0.01		91	
	non noble metal	zinc	7440-66-6	0.275	0.04		364	
	non noble metal	iron	7439-89-6	5.501	0.73		7279	
wire	non noble metal	copper	7440-50-8	223.351	29.56	30.34	295570	303304
	noble metal	gold	7440-57-5	2.761	0.37	0.37	3654	3654
	encapsulation	organic material	carbon black	1333-86-4	2.316	0.31		3065
encapsulation	plastics	epoxy resin	-	62.527	8.27		82745	
	inorganic material	silicondioxide	60676-86-0	398.320	52.69	61.27	527117	612927
leadfinish	non noble metal	tin	7440-31-5	9.288	1.23	1.23	12292	12292
plating	noble metal	silver	7440-22-4	2.495	0.33	0.33	3302	3302
glue	plastics	epoxy resin	-	2.539	0.34		3360	
	noble metal	silver	7440-22-4	7.616	1.01	1.35	10079	13439
*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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