



Material Content Data Sheet



Sales Product Name				SAK-XC822MT-1FRA AA		Issued		19. January 2018	
MA#				MA001998200					
Package				PG-TSSOP-16-9		Weight*		61.54 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	3.168	5.15	5.15	51478	51478	
leadframe	inorganic material	phosphorus	7723-14-0	0.006	0.01		100		
	non noble metal	zinc	7440-66-6	0.025	0.04		400		
	non noble metal	iron	7439-89-6	0.492	0.80		8000		
wire	non noble metal	copper	7440-50-8	19.991	32.48	33.33	324840	333340	
	noble metal	gold	7440-57-5	0.180	0.29	0.29	2920	2920	
	encapsulation	organic material	carbon black	1333-86-4	0.103	0.17		1672	
plastics	plastics	epoxy resin	-	4.012	6.52		65198		
	inorganic material	silicondioxide	60676-86-0	30.178	49.05	55.74	490377	557247	
	leadfinish	noble metal	gold	7440-57-5	0.025	0.04		398	
plating	noble metal	palladium	7440-05-3	0.015	0.02		248		
	non noble metal	nickel	7440-02-0	0.537	0.87	0.93	8721	9367	
	noble metal	palladium	7440-05-3	0.043	0.07		699		
glue	noble metal	gold	7440-57-5	0.069	0.11		1124		
	non noble metal	nickel	7440-02-0	1.515	2.46	2.64	24610	26433	
	plastics	epoxy resin	-	0.296	0.48		4804		
*deviation	< 10%	silver	7440-22-4	0.887	1.44	1.92	14411	19215	
						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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