



Material Content Data Sheet



Sales Product Name				SAK-XC836MT-2FRA AB		Issued		18. May 2016	
MA#				MA001499320					
Package				PG-TSSOP-28-17		Weight*		108.64 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	4.495	4.14	4.14	41378	41378	
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		96		
	non noble metal	zinc	7440-66-6	0.042	0.04		385		
	non noble metal	iron	7439-89-6	0.837	0.77		7702		
wire	non noble metal	copper	7440-50-8	33.975	31.27	32.09	312740	320923	
	noble metal	gold	7440-57-5	0.316	0.29	0.29	2908	2908	
	encapsulation	organic material	carbon black	1333-86-4	0.191	0.18		1756	
leadfinish	plastics	epoxy resin	-	7.441	6.85		68497		
	inorganic material	silicondioxide	60676-86-0	55.968	51.52	58.55	515193	585446	
	noble metal	gold	7440-57-5	0.041	0.04		380		
plating	noble metal	palladium	7440-05-3	0.026	0.02		236		
	non noble metal	nickel	7440-02-0	0.903	0.83	0.89	8314	8930	
	noble metal	palladium	7440-05-3	0.077	0.07		711		
glue	noble metal	gold	7440-57-5	0.124	0.11		1143		
	non noble metal	nickel	7440-02-0	2.719	2.50	2.68	25026	26880	
	plastics	epoxy resin	-	0.368	0.34		3384		
*deviation	< 10%	silver	7440-22-4	1.103	1.02	1.36	10151	13535	
						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 2011/65/EU (RoHS) and does not use any exemption.

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com