



Material Content Data Sheet



Sales Product Name				SAK-XC836MT-2FRA AB		Issued		27. September 2017	
MA#				MA001502474					
Package				PG-TSSOP-28-12		Weight*		108.13 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	4.16	4.16	41574	41574	
leadframe	non noble metal	magnesium	7439-95-4	0.056	0.05		518		
	inorganic material	silicon	7440-21-3	0.243	0.22		2244		
	non noble metal	nickel	7440-02-0	1.120	1.04		10357		
wire	non noble metal	copper	7440-50-8	35.909	33.21	34.52	332101	345220	
	noble metal	gold	7440-57-5	0.374	0.35	0.35	3457	3457	
	encapsulation	organic material	carbon black	1333-86-4	0.191	0.18		1768	
leadfinish	plastics	epoxy resin	-	8.092	7.48		74837		
	inorganic material	silicondioxide	60676-86-0	55.432	51.25	58.91	512667	589272	
	noble metal	palladium	7440-05-3	0.000	0.00		4		
glue	noble metal	silver	7440-22-4	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.001	0.00		6		
	non noble metal	nickel	7440-02-0	0.665	0.62	0.62	6150	6163	
*deviation	plastics	epoxy resin	-	0.310	0.29		2863		
	noble metal	silver	7440-22-4	1.238	1.15	1.44	11451	14314	
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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