



## Material Content Data Sheet



<b>Sales Product Name</b>		SAK-XC836MT-2FRA AB		<b>Issued</b>		22. January 2018		
<b>MA#</b>		MA001620446						
<b>Package</b>		PG-TSSOP-28-12		<b>Weight*</b>		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	
	non noble metal	copper	7440-50-8	35.909	33.21	34.52	332101	345220
	wire	noble metal	gold	7440-57-5	0.374	0.35	0.35	3457
encapsulation	organic material	carbon black	1333-86-4	0.191	0.18		1768	
	plastics	epoxy resin	-	8.092	7.48		74837	
leadfinish	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	
	noble metal	silver	7440-22-4	0.000	0.00		3	
	noble metal	gold	7440-57-5	0.001	0.00		6	
glue	non noble metal	nickel	7440-02-0	0.665	0.62	0.62	6150	6163
	plastics	epoxy resin	-	0.310	0.29		2863	
*deviation	< 10%			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

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