



## Material Content Data Sheet



<b>Sales Product Name</b>		SAK-XC866-2FRI BE		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA001109044						
<b>Package</b>		PG-TSSOP-38-4		<b>Weight*</b>		118.86 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	6.433	5.41	5.41	54126	54126
leadframe	non noble metal	magnesium	7439-95-4	0.075	0.06		633	
	inorganic material	silicon	7440-21-3	0.326	0.27		2742	
	non noble metal	nickel	7440-02-0	1.504	1.27		12657	
	non noble metal	copper	7440-50-8	48.239	40.59	42.19	405856	421888
	wire	noble metal	gold	7440-57-5	0.526	0.44	0.44	4424
encapsulation	organic material	carbon black	1333-86-4	0.176	0.15		1484	
	plastics	epoxy resin	-	7.465	6.28		62804	
	inorganic material	silicondioxide	60676-86-0	51.137	43.03	49.46	430233	494521
leadfinish	noble metal	palladium	7440-05-3	0.001	0.00		5	
	noble metal	silver	7440-22-4	0.001	0.00		4	
	noble metal	gold	7440-57-5	0.001	0.00		8	
	non noble metal	nickel	7440-02-0	0.939	0.79	0.79	7896	7913
plating	noble metal	gold	7440-57-5	0.004	0.00		37	
	noble metal	silver	7440-22-4	0.002	0.00		20	
	noble metal	palladium	7440-05-3	0.003	0.00		23	
	non noble metal	nickel	7440-02-0	0.080	0.07	0.07	672	752
glue	plastics	epoxy resin	-	0.389	0.33		3275	
	noble metal	silver	7440-22-4	1.557	1.31	1.64	13101	16376
*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

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