



## Material Content Data Sheet



<b>Sales Product Name</b>		SAK-XC866-4FRI BE		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA001109040						
<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	
wire	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
	noble metal	gold	7440-57-5	0.526	0.44	0.44	4424	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:

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