



## Material Content Data Sheet



<b>Sales Product Name</b>				SAK-XC836MT-2FRA AB		<b>Issued</b>		25. September 2017	
<b>MA#</b>				MA001002908					
<b>Package</b>				PG-TSSOP-28-12		<b>Weight*</b>		107.82 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	4.17	4.17	41693	41693	
leadframe	non noble metal	magnesium	7439-95-4	0.056	0.05		519		
	inorganic material	silicon	7440-21-3	0.243	0.22		2250		
	non noble metal	nickel	7440-02-0	1.120	1.04		10386		
wire	non noble metal	copper	7440-50-8	35.909	33.31	34.62	333057	346212	
	noble metal	gold	7440-57-5	0.374	0.35	0.35	3467	3467	
	encapsulation	organic material	carbon black	1333-86-4	0.191	0.18		1771	
plastics	plastics	epoxy resin	-	8.083	7.50		74970		
	inorganic material	silicondioxide	60676-86-0	55.371	51.35	59.03	513575	590316	
	leadfinish	noble metal	gold	7440-57-5	0.005	0.00		48	
plating	noble metal	silver	7440-22-4	0.003	0.00		26		
	noble metal	palladium	7440-05-3	0.003	0.00		30		
	non noble metal	nickel	7440-02-0	0.094	0.09	0.09	873	977	
	noble metal	gold	7440-57-5	0.016	0.01		146		
	noble metal	silver	7440-22-4	0.009	0.01		79		
glue	noble metal	palladium	7440-05-3	0.010	0.01		91		
	non noble metal	nickel	7440-02-0	0.287	0.27	0.30	2664	2980	
	plastics	epoxy resin	-	0.310	0.29		2871		
*deviation	< 10%			1.238	1.15	1.44	11484	14355	
						Sum in total:	100.00	1000000	

### Important Remarks:

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