



## Material Content Data Sheet



<b>Sales Product Name</b>				SAF-XC836M-2FRI AB		<b>Issued</b>		19. January 2018	
<b>MA#</b>				MA001949454					
<b>Package</b>				PG-TSSOP-28-17		<b>Weight*</b>		108.64 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	4.14	4.14	41378	41378	
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		96		
	non noble metal	zinc	7440-66-6	0.042	0.04		385		
	non noble metal	iron	7439-89-6	0.837	0.77		7702		
wire	non noble metal	copper	7440-50-8	33.975	31.27	32.09	312740	320923	
	noble metal	gold	7440-57-5	0.316	0.29	0.29	2908	2908	
	encapsulation	organic material	carbon black	1333-86-4	0.191	0.18		1756	
leadfinish	plastics	epoxy resin	-	7.441	6.85		68497		
	inorganic material	silicondioxide	60676-86-0	55.968	51.52	58.55	515193	585446	
	noble metal	gold	7440-57-5	0.041	0.04		380		
plating	noble metal	palladium	7440-05-3	0.026	0.02		236		
	non noble metal	nickel	7440-02-0	0.903	0.83	0.89	8314	8930	
	noble metal	palladium	7440-05-3	0.077	0.07		711		
glue	noble metal	gold	7440-57-5	0.124	0.11		1143		
	non noble metal	nickel	7440-02-0	2.719	2.50	2.68	25026	26880	
	plastics	epoxy resin	-	0.368	0.34		3384		
*deviation	< 10%	silver	7440-22-4	1.103	1.02	1.36	10151	13535	
						Sum in total:	100.00	1000000	

### Important Remarks:

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