



## Material Content Data Sheet



<b>Sales Product Name</b>				SAF-XE162FM-72F80LR AB		<b>Issued</b>		25. January 2018	
<b>MA#</b>				MA001891366					
<b>Package</b>				PG-LQFP-64-25		<b>Weight*</b>		386.77 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	19.300	4.99	4.99	49902	49902	
leadframe	inorganic material	phosphorus	7723-14-0	0.039	0.01		100		
	non noble metal	zinc	7440-66-6	0.154	0.04		399		
	non noble metal	iron	7439-89-6	3.088	0.80		7983		
wire	non noble metal	copper	7440-50-8	125.369	32.41	33.26	324144	332626	
	noble metal	palladium	7440-05-3	0.011	0.00		29		
	non noble metal	copper	7440-50-8	1.117	0.29	0.29	2889	2918	
encapsulation	organic material	carbon black	1333-86-4	1.131	0.29		2925		
	plastics	epoxy resin	-	30.540	7.90		78962		
	inorganic material	silicondioxide	60676-86-0	194.550	50.31	58.50	503014	584901	
leadfinish	noble metal	silver	7440-22-4	0.001	0.00		2		
	noble metal	palladium	7440-05-3	0.001	0.00		3		
	noble metal	gold	7440-57-5	0.002	0.00		5		
	non noble metal	nickel	7440-02-0	1.779	0.46	0.46	4599	4609	
plating	noble metal	silver	7440-22-4	0.003	0.00		8		
	noble metal	palladium	7440-05-3	0.004	0.00		9		
	noble metal	gold	7440-57-5	0.006	0.00		15		
	non noble metal	nickel	7440-02-0	5.937	1.54	1.54	15351	15383	
glue	plastics	epoxy resin	-	0.934	0.24		2415		
	noble metal	silver	7440-22-4	2.803	0.72	0.96	7246	9661	
*deviation	< 10%		Sum in total:			100.00		1000000	

### Important Remarks:

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