



## Material Content Data Sheet



<b>Sales Product Name</b>		SAF-C161S-L25M AA		<b>Issued</b>		6. July 2016			
<b>MA#</b>		MA000455242							
<b>Package</b>		PG-MQFP-80-7		<b>Weight*</b>		974.09 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	17.388	1.79	1.79	17851	17851	
leadframe	non noble metal	magnesium	7439-95-4	0.349	0.04		358		
	inorganic material	silicon	7440-21-3	1.511	0.16		1551		
	non noble metal	nickel	7440-02-0	6.975	0.72		7161		
	non noble metal	copper	7440-50-8	223.668	22.96	23.88	229618	238688	
wire	noble metal	gold	7440-57-5	3.798	0.39	0.39	3899	3899	
encapsulation	organic material	carbon black	1333-86-4	2.109	0.22		2165		
	plastics	epoxy resin	-	89.271	9.16		91646		
	inorganic material	silicondioxide	60676-86-0	611.543	62.78	72.16	627809	721620	
leadfinish	non noble metal	tin	7440-31-5	9.487	0.97	0.97	9739	9739	
plating	noble metal	silver	7440-22-4	3.927	0.40	0.40	4031	4031	
glue	plastics	acrylic resin	-	0.813	0.08		834		
	noble metal	silver	7440-22-4	3.251	0.33	0.41	3338	4172	
*deviation	< 10%					Sum in total:	100.00		1000000

### Important Remarks:

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