



## Material Content Data Sheet



<b>Sales Product Name</b>		SAK-C167CS-L40M CA+		<b>Issued</b>		20. July 2018			
<b>MA#</b>		MA001395360							
<b>Package</b>		PG-MQFP-144-11		<b>Weight*</b>		4195.91 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	36.251	0.86	0.86	8640	8640	
leadframe	non noble metal	magnesium	7439-95-4	0.976	0.02		232		
	inorganic material	silicon	7440-21-3	4.227	0.10		1007		
	non noble metal	nickel	7440-02-0	19.510	0.46		4650		
	non noble metal	copper	7440-50-8	625.625	14.91	15.49	149104	154993	
wire	noble metal	gold	7440-57-5	2.494	0.06	0.06	594	594	
encapsulation	organic material	carbon black	1333-86-4	10.411	0.25		2481		
	plastics	epoxy resin	-	440.747	10.50		105042		
	inorganic material	silicondioxide	60676-86-0	3019.293	71.98	82.73	719581	827104	
leadfinish	non noble metal	tin	7440-31-5	19.304	0.46	0.46	4601	4601	
plating	noble metal	silver	7440-22-4	10.582	0.25	0.25	2522	2522	
glue	plastics	acrylic resin	-	1.297	0.03		309		
	noble metal	silver	7440-22-4	5.190	0.12	0.15	1237	1546	
*deviation	< 10%					Sum in total:	100.00		1000000

### Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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