



## Material Content Data Sheet



<b>Sales Product Name</b>		SAK-C167CR-L33M HA+		<b>Issued</b>		25. September 2017			
<b>MA#</b>		MA000972166							
<b>Package</b>		PG-MQFP-144-8		<b>Weight*</b>		4197.93 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	25.986	0.62	0.62	6190	6190	
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		4648		
	non noble metal	copper	7440-50-8	625.625	14.90	15.48	149032	154919	
wire	noble metal	gold	7440-57-5	7.259	0.17	0.17	1729	1729	
encapsulation	organic material	carbon black	1333-86-4	10.438	0.25		2487		
	plastics	epoxy resin	-	441.893	10.53		105264		
	inorganic material	silicondioxide	60676-86-0	3027.140	72.13	82.91	721103	828854	
leadfinish	non noble metal	tin	7440-31-5	19.066	0.45	0.45	4542	4542	
plating	noble metal	silver	7440-22-4	10.582	0.25	0.25	2521	2521	
glue	plastics	acrylic resin	-	1.045	0.02		249		
	noble metal	silver	7440-22-4	4.180	0.10	0.12	996	1245	
*deviation	< 10%					Sum in total:	100.00		1000000

### Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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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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