



## Material Content Data Sheet



<b>Sales Product Name</b>		SAK-TC1762-128F66HL AC		<b>Issued</b>		20. July 2018			
<b>MA#</b>		MA001499640							
<b>Package</b>		PG-LQFP-176-14		<b>Weight*</b>		2045.21 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	36.463	1.78	1.78	17828	17828	
leadframe	non noble metal	magnesium	7439-95-4	0.746	0.04		365		
	inorganic material	silicon	7440-21-3	3.234	0.16		1581		
	non noble metal	nickel	7440-02-0	14.926	0.73		7298		
	non noble metal	copper	7440-50-8	478.622	23.40	24.33	234021	243265	
wire	noble metal	gold	7440-57-5	3.526	0.17	0.17	1724	1724	
encapsulation	organic material	carbon black	1333-86-4	4.452	0.22		2177		
	plastics	epoxy resin	-	136.527	6.68		66754		
	inorganic material	silicondioxide	60676-86-0	1343.008	65.66	72.56	656662	725593	
leadfinish	non noble metal	tin	7440-31-5	15.144	0.74	0.74	7405	7405	
plating	noble metal	silver	7440-22-4	2.988	0.15	0.15	1461	1461	
glue	plastics	epoxy resin	-	1.393	0.07		681		
	noble metal	silver	7440-22-4	4.178	0.20	0.27	2043	2724	
*deviation	< 10%					Sum in total:	100.00		1000000

### Important Remarks:

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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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com