



Material Content Data Sheet



Sales Product Name				SAK-TC1767-256F133HR AD		Issued		27. September 2017	
MA#				MA001600262					
Package				PG-LQFP-176-9		Weight*		2018.21 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	38.556	1.91	1.91	19104	19104	
leadframe	inorganic material	phosphorus	7723-14-0	0.148	0.01		73		
		non noble metal	zinc	7440-66-6	0.592	0.03		294	
		non noble metal	iron	7439-89-6	11.849	0.59		5871	
wire	non noble metal	copper	7440-50-8	481.113	23.84	24.47	238385	244623	
		copper	7440-50-8	3.635	0.18	0.18	1801	1801	
		encapsulation	organic material	carbon black	1333-86-4	7.194	0.36		3564
plastics	plastics	epoxy resin	-	194.232	9.62		96240		
		inorganic material	silicondioxide	60676-86-0	1237.330	61.30	71.28	613082	712886
		leadfinish	noble metal	palladium	7440-05-3	0.003	0.00		1
plating	noble metal	silver	7440-22-4	0.002	0.00		1		
		gold	7440-57-5	0.005	0.00		2		
		non noble metal	nickel	7440-02-0	4.595	0.23	0.23	2277	2281
		silver	7440-22-4	0.018	0.00		9		
		gold	7440-57-5	0.033	0.00		16		
glue	noble metal	palladium	7440-05-3	0.020	0.00		10		
		nickel	7440-02-0	32.763	1.62	1.62	16234	16269	
		plastics	epoxy resin	-	1.532	0.08		759	
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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

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