



Material Content Data Sheet



Sales Product Name		SAK-TC1767-256F133HR AD		Issued		20. July 2018		
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
	non noble metal	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
leadfinish	plastics	epoxy resin	-	194.232	9.62		96240	
	inorganic material	silicondioxide	60676-86-0	1237.330	61.30	71.28	613082	712886
	noble metal	palladium	7440-05-3	0.003	0.00		1	
plating	noble metal	silver	7440-22-4	0.002	0.00		1	
	noble metal	gold	7440-57-5	0.005	0.00		2	
	non noble metal	nickel	7440-02-0	4.595	0.23	0.23	2277	2281
	noble metal	silver	7440-22-4	0.018	0.00		9	
	noble metal	gold	7440-57-5	0.033	0.00		16	
glue	noble metal	palladium	7440-05-3	0.020	0.00		10	
	non noble metal	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