

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-TC1767-256F133HL AD	**Issued**	02. April 2021
MA#	MA001605746		
Package	PG-LQFP-176-5	**Weight***	2008.38 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	1.92	1.92	19197	19197
leadframe	non noble metal	magnesium	7439-95-4	0.746	0.04		372	
	inorganic material	silicon	7440-21-3	3.234	0.16		1610	
	non noble metal	nickel	7440-02-0	14.925	0.74		7431	
	non noble metal	copper	7440-50-8	478.603	23.83	24.77	238303	247716
wire	noble metal	gold	7440-57-5	7.873	0.39	0.39	3920	3920
encapsulation	organic material	carbon black	1333-86-4	7.227	0.36		3598	
	plastics	epoxy resin	-	195.128	9.72		97157	
	inorganic material	silicondioxide	60676-86-0	1,243.036	61.89	71.97	618926	719681
leadfinish	non noble metal	tin	7440-31-5	10.636	0.53	0.53	5296	5296
plating	noble metal	silver	7440-22-4	2.288	0.11	0.11	1139	1139
glue	plastics	epoxy resin	-	1.532	0.08		763	
	noble metal	silver	7440-22-4	4.595	0.23	0.31	2288	3051
*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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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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