



Material Content Data Sheet



Halogen-Free

Sales Product Name	SAK-TC375TP-96F300W AA	Issued	25. June 2021
MA#	MA005560621		
Package	PG-LQFP-176-22	Weight*	1963.32 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	45.559	2.32	2.32	23205	23205
leadframe	inorganic material	phosphorus	7723-14-0	0.136	0.01		69	
	non noble metal	zinc	7440-66-6	0.543	0.03		277	
	non noble metal	iron	7439-89-6	10.869	0.55		5536	
	non noble metal	copper	7440-50-8	441.312	22.48	23.07	224778	230660
wires	noble metal	palladium	7440-05-3	0.123	0.01		62	
	non noble metal	copper	7440-50-8	4.778	0.24	0.25	2434	2496
encapsulation	organic material	carbon black	1333-86-4	4.317	0.22		2199	
	plastics	epoxy resin	-	182.769	9.31		93092	
	inorganic material	silicondioxide	60676-86-0	1,252.041	63.76	73.29	637717	733008
leadfinish	noble metal	palladium	7440-05-3	0.004			2	
	noble metal	silver	7440-22-4	0.004			2	
	noble metal	gold	7440-57-5	0.007			4	
	non noble metal	nickel	7440-02-0	7.048	0.36	0.36	3590	3598
plating	noble metal	silver	7440-22-4	0.129	0.01		65	
	noble metal	palladium	7440-05-3	0.147	0.01		75	
	noble metal	gold	7440-57-5	0.236	0.01		120	
	non noble metal	nickel	7440-02-0	4.310	0.22	0.25	2195	2455
glue	plastics	epoxy resin	-	1.978	0.10		1007	
	noble metal	silver	7440-22-4	7.011	0.36	0.46	3571	4578
*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 Neubiberg
Internet	www.infineon.com