



## Material Content Data Sheet



<b>Sales Product Name</b>		TDA21310		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA001282584						
<b>Package</b>		LG-UIQFN-32-2		<b>Weight*</b>		83.05 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	1.418	1.71	1.71	17079	17079
dielectric layer	inorganic material	aluminiumhydroxide	21645-51-2	1.923	2.32		23157	
	inorganic material	silicondioxide	60676-86-0	2.524	3.04		30393	
	plastics	epoxy resin	-	3.366	4.05		40525	
	inorganic material	glass fibre	-	4.207	5.07		50656	
	non noble metal	copper	7440-50-8	25.603	30.83	45.31	308287	453018
leadframe	non noble metal	iron	7439-89-6	0.043	0.05		517	
	inorganic material	phosphorus	7723-14-0	0.013	0.02		155	
	non noble metal	copper	7440-50-8	42.885	51.62	51.69	516372	517044
leadfinish	inorganic material	phosphorus	7723-14-0	0.017	0.02		210	
	noble metal	gold	7440-57-5	0.046	0.06		555	
	non noble metal	nickel	7440-02-0	0.968	1.17	1.25	11652	12417
glue	inorganic material	silicondioxide	60676-86-0	0.018	0.02		221	
	plastics	maleimide resin	-	0.018	0.02	0.04	221	442
*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