



Material Content Data Sheet



Halogen-Free

Sales Product Name	SLB 9645XQ1.2 FW133.33	Issued	12. May 2021
MA#	MA001788230		
Package	PG-VQFN-32-13	Weight*	69.07 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	4.050	5.86	5.86	58631	58631
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		132	
	non noble metal	zinc	7440-66-6	0.036	0.05		528	
	non noble metal	iron	7439-89-6	0.730	1.06		10563	
	non noble metal	copper	7440-50-8	29.625	42.90	44.02	428903	440126
wire	noble metal	gold	7440-57-5	0.299	0.43	0.43	4328	4328
encapsulation	organic material	carbon black	1333-86-4	0.161	0.23		2329	
	plastics	epoxy resin	-	4.987	7.22		72196	
	inorganic material	silicondioxide	60676-86-0	27.024	39.13	46.58	391254	465779
leadfinish	noble metal	silver	7440-22-4	0.000			4	
	noble metal	palladium	7440-05-3	0.000			5	
	noble metal	gold	7440-57-5	0.001			8	
	non noble metal	nickel	7440-02-0	0.543	0.79	0.79	7864	7881
plating	noble metal	silver	7440-22-4	0.000			2	
	noble metal	palladium	7440-05-3	0.000			2	
	noble metal	gold	7440-57-5	0.000			4	
	non noble metal	nickel	7440-02-0	0.258	0.37	0.37	3739	3747
glue	plastics	epoxy resin	-	0.216	0.31		3121	
	noble metal	silver	7440-22-4	1.132	1.64	1.95	16387	19508
*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