

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLF30681QVS01	**Issued**	17. May 2021
MA#	MA005407878		
Package	PG-VQFN-48-31	**Weight***	130.16 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	5.448	4.19	4.19	41853	41853
leadframe	inorganic material	phosphorus	7723-14-0	0.018	0.01		138	
	non noble metal	zinc	7440-66-6	0.072	0.06		551	
	non noble metal	iron	7439-89-6	1.433	1.10		11011	
	non noble metal	copper	7440-50-8	58.193	44.72	45.89	447078	458778
wire	non noble metal	copper	7440-50-8	0.703	0.54	0.54	5402	5402
encapsulation	organic material	carbon black	1333-86-4	0.179	0.14		1377	
	plastics	epoxy resin	-	7.590	5.83		58309	
	inorganic material	silicondioxide	60676-86-0	51.993	39.94	45.91	399443	459129
leadfinish	non noble metal	tin	7440-31-5	2.596	1.99	1.99	19947	19947
plating	noble metal	silver	7440-22-4	0.614	0.47	0.47	4716	4716
glue	plastics	epoxy resin	-	0.305	0.23		2340	
	noble metal	silver	7440-22-4	1.020	0.78	1.01	7835	10175
*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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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.

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