



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE9868QXB20	Issued	08. April 2022
MA#	MA004807190		
Package	PG-VQFN-48-70	Weight*	126.16 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	5.040	3.99	3.99	39949	39949
leadframe	inorganic material	phosphorus	7723-14-0	0.018	0.01		146	
	non noble metal	zinc	7440-66-6	0.073	0.06		582	
	non noble metal	iron	7439-89-6	1.469	1.16		11645	
	non noble metal	copper	7440-50-8	59.652	47.30	48.53	472838	485211
wires	noble metal	palladium	7440-05-3	0.006			46	
	non noble metal	copper	7440-50-8	0.572	0.45	0.45	4535	4581
encapsulation	inorganic material	titandioxide	13463-67-7	2.198	1.74		17424	
	plastics	epoxy resin	-	8.793	6.97		69695	
	inorganic material	silicondioxide	60676-86-0	43.963	34.85	43.56	348474	435593
leadfinish	non noble metal	tin	7440-31-5	2.373	1.88	1.88	18807	18807
plating	noble metal	silver	7440-22-4	0.356	0.28	0.28	2820	2820
glue	plastics	epoxy resin	-	0.263	0.21		2086	
	noble metal	silver	7440-22-4	1.382	1.10	1.31	10953	13039
*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