

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLF35584QVHS1	**Issued**	08. April 2022
MA#	MA005429490		
Package	PG-VQFN-48-79	**Weight***	127.77 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	4.507	3.53	3.53	35274	35274
leadframe	inorganic material	phosphorus	7723-14-0	0.018	0.01		144	
	non noble metal	zinc	7440-66-6	0.073	0.06		575	
	non noble metal	iron	7439-89-6	1.469	1.15		11498	
	non noble metal	copper	7440-50-8	59.652	46.69	47.91	466882	479099
wires	noble metal	palladium	7440-05-3	0.017	0.01		134	
	non noble metal	copper	7440-50-8	0.669	0.52	0.53	5239	5373
encapsulation	inorganic material	titandioxide	13463-67-7	2.284	1.79		17878	
	plastics	epoxy resin	-	9.137	7.15		71511	
	inorganic material	silicondioxide	60676-86-0	45.684	35.76	44.70	357555	446944
leadfinish	non noble metal	tin	7440-31-5	2.373	1.86	1.86	18570	18570
plating	noble metal	silver	7440-22-4	0.356	0.28	0.28	2784	2784
glue	plastics	epoxy resin	-	0.244	0.19		1913	
	noble metal	silver	7440-22-4	1.283	1.00	1.19	10043	11956
*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.

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