

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLF35584QVVS2	**Issued**	08. February 2022
MA#	MA005406898		
Package	PG-VQFN-48-31	**Weight***	129.86 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	4.311	3.32	3.32	33195	33195
leadframe	inorganic material	phosphorus	7723-14-0	0.018	0.01		138	
	non noble metal	zinc	7440-66-6	0.072	0.06		552	
	non noble metal	iron	7439-89-6	1.433	1.10		11036	
	non noble metal	copper	7440-50-8	58.193	44.81	45.98	448106	459832
wire	non noble metal	copper	7440-50-8	0.634	0.49	0.49	4883	4883
encapsulation	organic material	carbon black	1333-86-4	0.183	0.14		1406	
	plastics	epoxy resin	-	7.730	5.95		59522	
	inorganic material	silicondioxide	60676-86-0	52.952	40.78	46.87	407752	468680
leadfinish	non noble metal	tin	7440-31-5	2.596	2.00	2.00	19993	19993
plating	noble metal	silver	7440-22-4	0.614	0.47	0.47	4727	4727
glue	plastics	epoxy resin	-	0.260	0.20		1999	
	noble metal	silver	7440-22-4	0.869	0.67	0.87	6691	8690
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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