



Material Content Data Sheet



Halogen-Free

Sales Product Name TLF35584QVHS2

Issued

08. April 2022

MA# MA005447210

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:

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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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