

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE9879QXW40	**Issued**	05. February 2022
MA#	MA001583688		
Package	PG-VQFN-48-29	**Weight***	130.25 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	4.821	3.70	3.70	37011	37011
leadframe	inorganic material	phosphorus	7723-14-0	0.018	0.01		138	
	non noble metal	zinc	7440-66-6	0.072	0.06		550	
	non noble metal	iron	7439-89-6	1.433	1.10		11003	
	non noble metal	copper	7440-50-8	58.193	44.69	45.86	446772	458463
wire	noble metal	gold	7440-57-5	0.858	0.66	0.66	6590	6590
encapsulation	organic material	carbon black	1333-86-4	0.181	0.14		1392	
	plastics	epoxy resin	-	7.675	5.89		58921	
	inorganic material	silicondioxide	60676-86-0	52.574	40.36	46.39	403634	463947
leadfinish	non noble metal	tin	7440-31-5	2.596	1.99	1.99	19934	19934
plating	noble metal	silver	7440-22-4	0.614	0.47	0.47	4713	4713
glue	plastics	epoxy resin	-	0.280	0.21		2149	
	noble metal	silver	7440-22-4	0.937	0.72	0.93	7193	9342
*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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