

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	6ED2742S01Q	**Issued**	10. January 2023
MA#	MA005723931		
Package	PG-VQFN-32-23	**Weight***	68.55 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	1.706	2.489	2.489	24889	24889
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.012	40.735	122	407353
	non noble metal	zinc	7440-66-6	0.034	0.049		489	
	non noble metal	iron	7439-89-6	0.670	0.978		9776	
	non noble metal	copper	7440-50-8	27.214	39.697		396965	
wires	noble metal	palladium	7440-05-3	0.003	0.005	0.466	47	4659
	non noble metal	copper	7440-50-8	0.316	0.461		4613	
encapsulation	organic material	carbon black	1333-86-4	0.359	0.524	52.365	5237	523654
	non noble metal	metal hydroxide	-	0.718	1.047		10473	
	inorganic material	amorphous silica	7631-86-9	2.513	3.666		36656	
	plastics	epoxy resin	-	3.590	5.237		52365	
	inorganic material	silicondioxide	60676-86-0	28.719	41.892		418923	
leadfinish	non noble metal	tin	7440-31-5	0.968	1.412	1.412	14125	14125
plating	noble metal	silver	7440-22-4	1.157	1.687	1.687	16870	16870
glue	plastics	acrylic resin	-	0.127	0.186	0.845	1859	8450
	noble metal	silver	7440-22-4	0.452	0.659		6591	
*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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