

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	PX3519	**Issued**	03. April 2021
MA#	MA001368466		
Package	PG-VDSON-8-1	**Weight***	23.59 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	0.420	1.78	1.78	17795	17795
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		124	
	non noble metal	zinc	7440-66-6	0.012	0.05		495	
	non noble metal	iron	7439-89-6	0.233	0.99		9897	
	non noble metal	copper	7440-50-8	9.480	40.18	41.23	401849	412365
wires	noble metal	palladium	7440-05-3	0.001			38	
	non noble metal	copper	7440-50-8	0.089	0.38	0.38	3791	3829
encapsulation	organic material	carbon black	1333-86-4	0.063	0.27		2688	
	plastics	epoxy resin	-	1.966	8.33		83323	
	inorganic material	silicondioxide	60676-86-0	10.652	45.17	53.77	451559	537570
leadfinish	noble metal	palladium	7440-05-3	0.000			4	
	noble metal	silver	7440-22-4	0.000			4	
	noble metal	gold	7440-57-5	0.000			6	
	non noble metal	nickel	7440-02-0	0.153	0.65	0.65	6479	6493
plating	noble metal	silver	7440-22-4	0.000			4	
	noble metal	palladium	7440-05-3	0.000			5	
	noble metal	gold	7440-57-5	0.000			8	
	non noble metal	nickel	7440-02-0	0.192	0.81	0.81	8129	8146
glue	plastics	epoxy resin	-	0.052	0.22		2208	
	noble metal	silver	7440-22-4	0.273	1.16	1.38	11594	13802
*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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