



Material Content Data Sheet



Sales Product Name		PX3519		Issued		26. September 2017		
MA#		MA001368466						
Package		PG-VDSON-8-1		Weight*		23.63 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	17762	17762
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		123	
	non noble metal	zinc	7440-66-6	0.012	0.05		494	
	non noble metal	iron	7439-89-6	0.233	0.99		9878	
wire	non noble metal	copper	7440-50-8	9.480	40.11	41.16	401098	411593
	noble metal	palladium	7440-05-3	0.001	0.00		38	
	non noble metal	copper	7440-50-8	0.090	0.38	0.38	3805	3843
encapsulation	organic material	carbon black	1333-86-4	0.063	0.27		2682	
	plastics	epoxy resin	-	1.965	8.31		83131	
	inorganic material	silicondioxide	60676-86-0	10.648	45.06	53.64	450514	536327
leadfinish	noble metal	gold	7440-57-5	0.003	0.01		148	
	noble metal	palladium	7440-05-3	0.003	0.01		148	
	noble metal	silver	7440-22-4	0.003	0.01		148	
	non noble metal	nickel	7440-02-0	0.164	0.70	0.73	6958	7402
plating	noble metal	palladium	7440-05-3	0.004	0.02		186	
	noble metal	silver	7440-22-4	0.004	0.02		186	
	noble metal	gold	7440-57-5	0.004	0.02		186	
	non noble metal	nickel	7440-02-0	0.207	0.87	0.93	8739	9297
glue	plastics	epoxy resin	-	0.052	0.22		2204	
	noble metal	silver	7440-22-4	0.273	1.16	1.38	11572	13776
*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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