



Material Content Data Sheet



Sales Product Name		PX3517		Issued		27. September 2017		
MA#		MA001368460						
Package		PG-TDSON-10-6		Weight*		24.02 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	1.75	1.75	17477	17477
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		128	
	non noble metal	zinc	7440-66-6	0.012	0.05		511	
	non noble metal	iron	7439-89-6	0.245	1.02		10219	
wire	non noble metal	copper	7440-50-8	9.966	41.49	42.57	414917	425775
	noble metal	palladium	7440-05-3	0.001	0.00		42	
encapsulation	non noble metal	copper	7440-50-8	0.099	0.41	0.41	4134	4176
	organic material	carbon black	1333-86-4	0.063	0.26		2620	
	plastics	epoxy resin	-	1.951	8.12		81205	
leadfinish	inorganic material	silicondioxide	60676-86-0	10.571	44.02	52.40	440076	523901
	noble metal	palladium	7440-05-3	0.000	0.00		4	
	noble metal	silver	7440-22-4	0.000	0.00		4	
	noble metal	gold	7440-57-5	0.000	0.00		7	
plating	non noble metal	nickel	7440-02-0	0.159	0.66	0.66	6605	6620
	noble metal	palladium	7440-05-3	0.000	0.00		5	
	noble metal	silver	7440-22-4	0.000	0.00		5	
	noble metal	gold	7440-57-5	0.000	0.00		8	
glue	non noble metal	nickel	7440-02-0	0.204	0.85	0.85	8478	8496
	plastics	epoxy resin	-	0.052	0.22		2169	
*deviation	< 10%			0.273	1.14	1.36	11386	13555
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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