



Material Content Data Sheet



Sales Product Name		PX3517		Issued		27. September 2017		
MA#		MA001112772						
Package		PG-TDSON-10-7		Weight*		24.01 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	17482	17482
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		10218	
wire	non noble metal	copper	7440-50-8	9.963	41.49	42.57	414886	425743
	noble metal	palladium	7440-05-3	0.001	0.00		40	
encapsulation	non noble metal	copper	7440-50-8	0.094	0.39	0.39	3922	3962
	organic material	carbon black	1333-86-4	0.063	0.26		2621	
	plastics	epoxy resin	-	1.951	8.12		81241	
leadfinish	inorganic material	silicondioxide	60676-86-0	10.572	44.04	52.42	440272	524134
	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	6607	6622
	noble metal	silver	7440-22-4	0.000	0.00		5	
	noble metal	gold	7440-57-5	0.000	0.00		8	
	noble metal	palladium	7440-05-3	0.000	0.00		5	
glue	non noble metal	nickel	7440-02-0	0.204	0.85	0.85	8480	8498
	plastics	epoxy resin	-	0.052	0.22		2169	
*deviation	< 10%			0.273	1.14	1.36	11390	13559
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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com