



## Material Content Data Sheet



<b>Sales Product Name</b>		PX3516ADDG-R4		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA000875734						
<b>Package</b>		PG-TDSON-10-2		<b>Weight*</b>		23.13 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	0.720	3.11	3.11	31120	31120
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		115	
	non noble metal	zinc	7440-66-6	0.011	0.05		461	
	non noble metal	iron	7439-89-6	0.213	0.92		9226	
wire	non noble metal	copper	7440-50-8	8.663	37.46	38.44	374605	384407
	noble metal	gold	7440-57-5	0.181	0.78	0.78	7841	7841
	encapsulation	organic material	carbon black	1333-86-4	0.038	0.17		1659
leadfinish	plastics	epoxy resin	-	1.496	6.47		64706	
	inorganic material	silicondioxide	60676-86-0	11.254	48.67	55.31	486674	553039
	noble metal	gold	7440-57-5	0.001	0.00		43	
plating	noble metal	silver	7440-22-4	0.001	0.00		23	
	noble metal	palladium	7440-05-3	0.001	0.00		27	
	non noble metal	nickel	7440-02-0	0.018	0.08	0.08	780	873
	noble metal	gold	7440-57-5	0.003	0.01		116	
	noble metal	silver	7440-22-4	0.001	0.01		63	
glue	noble metal	palladium	7440-05-3	0.002	0.01		72	
	non noble metal	nickel	7440-02-0	0.049	0.21	0.24	2110	2361
	plastics	bismaleimide resin	-	0.094	0.41		4072	
*deviation	< 10%			0.377	1.63	2.04	16287	20359
Sum in total:						100.00		1000000

### Important Remarks:

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