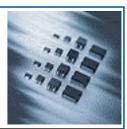
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Material Content Data Sheet					RoHS		Halogen-Free		
Sales Product Name	MA001624284 PG-TSNP-6-2			Issued		19. January 2018			
MA#									
Package				Weight*		0.92 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	inorganic material	silicon	7440-21-3	0.093	10.16	10.16	101581	101581	
bumps	non noble metal	copper	7440-50-8	0.003	0.33	0.33	3303	3303	
leadframe	non noble metal	tin	7440-31-5	0.001	0.10		971		
	non noble metal	zinc	7440-66-6	0.001	0.08		777		
	non noble metal	chromium	7440-47-3	0.001	0.12		1166		
	non noble metal	copper	7440-50-8	0.353	38.56	38.86	385626	388540	
encapsulation	organic material	carbon black	1333-86-4	0.002	0.22		2240		
	plastics	epoxy resin	-	0.060	6.50		64954		
	inorganic material	silicondioxide	60676-86-0	0.349	38.08	44.80	380764	447958	
leadfinish	non noble metal	tin	7440-31-5	0.037	4.05	4.05	40548	40548	
plating	noble metal	silver	7440-22-4	0.015	1.62	1.62	16200	16200	
ubm	non noble metal	copper	7440-50-8	0.000	0.00	0.00	34	53	
	non noble metal	titanium	7440-32-6	0.000	0.00		12		
	non noble metal	tungsten	7440-33-7	0.000	0.00		7		
solder	noble metal	silver	7440-22-4	0.000	0.00		41		
	non noble metal	tin	7440-31-5	0.002	0.18	0.18	1776	1817	
*deviation	< <mark>10</mark> %				Sum in total:	100.00		1000000	

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