



## Material Content Data Sheet



<b>Sales Product Name</b>				PTFC270101M V1 R1K		<b>Issued</b>		23. January 2018	
<b>MA#</b>				MA001342928					
<b>Package</b>				PG-SON-10-1		<b>Weight*</b>		23.59 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	non noble metal	tin	7440-31-5	0.008	0.04		350		
	noble metal	gold	7440-57-5	0.032	0.14		1356		
	inorganic material	silicon	7440-21-3	0.209	0.89	1.07	8866	10572	
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		113		
	non noble metal	zinc	7440-66-6	0.011	0.05		452		
	non noble metal	iron	7439-89-6	0.213	0.90		9047		
	non noble metal	copper	7440-50-8	8.667	36.74	37.70	367352	376964	
wire	noble metal	gold	7440-57-5	0.066	0.28	0.28	2787	2787	
encapsulation	organic material	carbon black	1333-86-4	0.072	0.30		3033		
	plastics	epoxy resin	-	1.932	8.19		81885		
	inorganic material	silicondioxide	60676-86-0	12.307	52.15	60.64	521640	606558	
leadfinish	non noble metal	nickel	7440-02-0	0.020	0.09		851		
	noble metal	palladium	7440-05-3	0.001	0.00		29		
	noble metal	gold	7440-57-5	0.001	0.00	0.09	47	927	
plating	noble metal	palladium	7440-05-3	0.002	0.01		69		
	noble metal	gold	7440-57-5	0.003	0.01		110		
	non noble metal	nickel	7440-02-0	0.047	0.20	0.22	2013	2192	
*deviation	< 10%			Sum in total:		100.00		1000000	

### Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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