



## Material Content Data Sheet



<b>Sales Product Name</b>				XMC1301-T038X0064 AB		<b>Issued</b>		26. September 2017	
<b>MA#</b>				MA001467362					
<b>Package</b>				PG-TSSOP-38-9		<b>Weight*</b>		118.39 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	1.226	1.04	1.04	10353	10353	
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		127		
	non noble metal	zinc	7440-66-6	0.060	0.05		506		
	non noble metal	iron	7439-89-6	1.199	1.01		10126		
wire	non noble metal	copper	7440-50-8	48.679	41.12	42.19	411170	421929	
	noble metal	palladium	7440-05-3	0.003	0.00		27		
encapsulation	non noble metal	copper	7440-50-8	0.311	0.26	0.26	2629	2656	
	organic material	carbon black	1333-86-4	0.192	0.16		1620		
	plastics	epoxy resin	-	7.479	6.32		63167		
leadfinish	inorganic material	silicondioxide	60676-86-0	56.249	47.52	54.00	475102	539889	
	non noble metal	tin	7440-31-5	2.200	1.86	1.86	18580	18580	
plating	noble metal	silver	7440-22-4	0.337	0.28	0.28	2849	2849	
glue	plastics	epoxy resin	-	0.111	0.09		936		
	noble metal	silver	7440-22-4	0.332	0.28	0.37	2808	3744	
*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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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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