



Material Content Data Sheet



Sales Product Name				XMC1301-T038F0032 AB		Issued		25. September 2017	
MA#				MA001408470					
Package				PG-TSSOP-38-9		Weight*		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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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

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