

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	XMC1100-T038F0032 AB	**Issued**	01. April 2021
MA#	MA001467394		
Package	PG-TSSOP-38-9	**Weight***	118.37 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	10355	10355
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		10128	
	non noble metal	copper	7440-50-8	48.679	41.13	42.20	411256	422017
wires	noble metal	palladium	7440-05-3	0.003			27	
	non noble metal	copper	7440-50-8	0.314	0.26	0.26	2650	2677
encapsulation	organic material	carbon black	1333-86-4	0.192	0.16		1620	
	plastics	epoxy resin	-	7.479	6.32		63180	
	inorganic material	silicondioxide	60676-86-0	56.249	47.53	54.01	475203	540003
leadfinish	non noble metal	tin	7440-31-5	2.173	1.84	1.84	18355	18355
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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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