



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	PXM1310CDM-G003	<b>Issued</b>	08. April 2022
<b>MA#</b>	MA001990842		
<b>Package</b>	PG-VQFN-40-13	<b>Weight*</b>	70.45 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	3.042	4.32	4.32	43185	43185
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		133	
	non noble metal	zinc	7440-66-6	0.037	0.05		531	
	non noble metal	iron	7439-89-6	0.748	1.06		10617	
	non noble metal	copper	7440-50-8	30.371	43.12	44.24	431083	442364
wire	noble metal	gold	7440-57-5	0.469	0.67	0.67	6664	6664
encapsulation	organic material	carbon black	1333-86-4	0.101	0.14		1436	
	plastics	epoxy resin	-	3.945	5.60		55997	
	inorganic material	silicondioxide	60676-86-0	29.673	42.12	47.86	421172	478605
leadfinish	noble metal	silver	7440-22-4	0.000			4	
	noble metal	palladium	7440-05-3	0.000			5	
	noble metal	gold	7440-57-5	0.001			8	
	non noble metal	nickel	7440-02-0	0.544	0.77	0.77	7728	7745
plating	noble metal	silver	7440-22-4	0.000			5	
	noble metal	palladium	7440-05-3	0.000			5	
	noble metal	gold	7440-57-5	0.001			9	
	non noble metal	nickel	7440-02-0	0.609	0.86	0.86	8648	8667
glue	plastics	bismaleimide resin	-	0.180	0.26		2554	
	noble metal	silver	7440-22-4	0.720	1.02	1.28	10216	12770
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

- 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.
- 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.
- 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 Neubiberg
Internet	www.infineon.com