



Material Content Data Sheet



Halogen-Free

Sales Product Name	PXM1310CDM-G003	Issued	08. April 2022
MA#	MA001618888		
Package	PG-VQFN-40-13	Weight*	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:

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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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