



Material Content Data Sheet



Halogen-Free

Sales Product Name	PXE1110CDM-G003	Issued	08. April 2022
MA#	MA001618894		
Package	PG-VQFN-40-13	Weight*	70.43 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	43198	43198
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		10620	
	non noble metal	copper	7440-50-8	30.371	43.14	44.26	431223	442507
wire	noble metal	gold	7440-57-5	0.444	0.63	0.63	6307	6307
encapsulation	organic material	carbon black	1333-86-4	0.101	0.14		1436	
	plastics	epoxy resin	-	3.945	5.60		56019	
	inorganic material	silicondioxide	60676-86-0	29.675	42.13	47.87	421341	478796
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	7731	7748
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	0.87	0.87	8651	8670
glue	plastics	bismaleimide resin	-	0.180	0.26		2555	
	noble metal	silver	7440-22-4	0.720	1.02	1.28	10219	12774
*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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