

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	PXE1110CDM-G003	**Issued**	18. May 2021
MA#	MA005425956		
Package	PG-VQFN-40-16	**Weight***	62.24 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	4.89	4.89	48886	48886
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.02		151	
	non noble metal	zinc	7440-66-6	0.037	0.06		602	
	non noble metal	iron	7439-89-6	0.750	1.20		12045	
	non noble metal	copper	7440-50-8	30.438	48.93	50.21	489067	501865
wire	noble metal	gold	7440-57-5	0.444	0.71	0.71	7137	7137
encapsulation	organic material	carbon black	1333-86-4	0.127	0.20		2036	
	plastics	epoxy resin	-	3.928	6.31		63113	
	inorganic material	silicondioxide	60676-86-0	21.287	34.20	40.71	342029	407178
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	0.000			8	
	non noble metal	nickel	7440-02-0	0.500	0.80	0.80	8032	8049
plating	noble metal	silver	7440-22-4	0.000			5	
	noble metal	palladium	7440-05-3	0.000			6	
	noble metal	gold	7440-57-5	0.001			10	
	non noble metal	nickel	7440-02-0	0.607	0.97	0.97	9746	9767
glue	plastics	epoxy resin	-	0.170	0.27		2739	
	noble metal	silver	7440-22-4	0.895	1.44	1.71	14379	17118
*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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