

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	PXE1610CDN-G003	**Issued**	22. April 2022
MA#	MA001990818		
Package	PG-VQFN-48-60	**Weight***	92.44 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	3.29	3.29	32912	32912
leadframe	inorganic material	phosphorus	7723-14-0	0.011	0.01		115	
	non noble metal	zinc	7440-66-6	0.042	0.05		458	
	non noble metal	iron	7439-89-6	0.848	0.92		9169	
	non noble metal	copper	7440-50-8	34.415	37.23	38.21	372287	382029
wire	noble metal	gold	7440-57-5	0.502	0.54	0.54	5426	5426
encapsulation	organic material	carbon black	1333-86-4	0.154	0.17		1668	
	plastics	epoxy resin	-	6.013	6.50		65043	
	inorganic material	silicondioxide	60676-86-0	45.224	48.93	55.60	489214	555925
leadfinish	noble metal	silver	7440-22-4	0.000			3	
	noble metal	palladium	7440-05-3	0.000			4	
	noble metal	gold	7440-57-5	0.001			6	
	non noble metal	nickel	7440-02-0	0.541	0.58	0.58	5848	5861
plating	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	0.749	0.81	0.81	8098	8115
glue	plastics	bismaleimide resin	-	0.180	0.19		1946	
	noble metal	silver	7440-22-4	0.720	0.78	0.97	7786	9732
*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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