



Material Content Data Sheet



Halogen-Free

Sales Product Name	XDPE132G5H-G000	Issued	08. April 2022
MA#	MA005583941		
Package	PG-VQFN-56-5	Weight*	154.78 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	8.540	5.52	5.52	55173	55173
leadframe	inorganic material	phosphorus	7723-14-0	0.020	0.01		129	
	non noble metal	zinc	7440-66-6	0.080	0.05		516	
	non noble metal	iron	7439-89-6	1.596	1.03		10314	
	non noble metal	copper	7440-50-8	64.822	41.88	42.97	418807	429766
wire	noble metal	gold	7440-57-5	1.086	0.70	0.70	7018	7018
encapsulation	organic material	carbon black	1333-86-4	0.148	0.10		957	
	plastics	epoxy resin	-	7.627	4.93		49276	
	inorganic material	silicondioxide	60676-86-0	66.271	42.82	47.85	428171	478404
leadfinish	noble metal	silver	7440-22-4	0.001			4	
	noble metal	palladium	7440-05-3	0.001			5	
	noble metal	gold	7440-57-5	0.001			8	
	non noble metal	nickel	7440-02-0	1.230	0.79	0.79	7947	7964
plating	noble metal	silver	7440-22-4	0.001			6	
	noble metal	palladium	7440-05-3	0.001			7	
	noble metal	gold	7440-57-5	0.002			12	
	non noble metal	nickel	7440-02-0	1.820	1.18	1.18	11762	11787
glue	plastics	maleimide resin	-	0.260	0.17		1681	
	noble metal	silver	7440-22-4	1.270	0.82	0.99	8207	9888
*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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