

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	XDPE15284D-0000	**Issued**	27. April 2022
MA#	MA005738713		
Package	PG-VQFN-40-13	**Weight***	70.58 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	3.610	5.12	5.12	51151	51151
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		132	
	non noble metal	zinc	7440-66-6	0.037	0.05		530	
	non noble metal	iron	7439-89-6	0.748	1.06		10598	
	non noble metal	copper	7440-50-8	30.371	43.04	44.16	430320	441580
wire	noble metal	gold	7440-57-5	0.458	0.65	0.65	6492	6492
encapsulation	organic material	carbon black	1333-86-4	0.100	0.14		1410	
	plastics	epoxy resin	-	3.881	5.50		54990	
	inorganic material	silicondioxide	60676-86-0	29.191	41.36	47.00	413602	470002
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	7715	7732
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	8633	8652
glue	plastics	bismaleimide resin	-	0.203	0.29		2878	
	noble metal	silver	7440-22-4	0.813	1.15	1.44	11513	14391
*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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