

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	XDPE152C4D-0000	**Issued**	27. April 2022
MA#	MA005737875		
Package	PG-VQFN-48-63	**Weight***	101.02 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	3.57	3.57	35737	35737
leadframe	inorganic material	phosphorus	7723-14-0	0.014	0.01		137	
	non noble metal	zinc	7440-66-6	0.055	0.05		546	
	non noble metal	iron	7439-89-6	1.103	1.09		10920	
	non noble metal	copper	7440-50-8	44.794	44.37	45.52	443418	455021
wire	noble metal	gold	7440-57-5	0.717	0.71	0.71	7093	7093
encapsulation	organic material	carbon black	1333-86-4	0.138	0.14		1369	
	plastics	epoxy resin	-	5.394	5.34		53397	
	inorganic material	silicondioxide	60676-86-0	40.571	40.16	45.64	401616	456382
leadfinish	noble metal	silver	7440-22-4	0.001			8	
	noble metal	palladium	7440-05-3	0.001			10	
	noble metal	gold	7440-57-5	0.002			15	
	non noble metal	nickel	7440-02-0	1.560	1.54	1.54	15445	15478
plating	noble metal	silver	7440-22-4	0.001			11	
	noble metal	palladium	7440-05-3	0.001			12	
	noble metal	gold	7440-57-5	0.002			20	
	non noble metal	nickel	7440-02-0	2.040	2.02	2.02	20191	20234
glue	plastics	bismaleimide resin	-	0.203	0.20		2011	
	noble metal	silver	7440-22-4	0.813	0.80	1.00	8044	10055
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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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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