

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	XDPP1100-Q040	**Issued**	17. May 2021
MA#	MA005406747		
Package	PG-VQFN-40-19	**Weight***	95.48 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	2.016	2.11	2.11	21116	21116
leadframe	inorganic material	phosphorus	7723-14-0	0.012	0.01		129	
	non noble metal	zinc	7440-66-6	0.049	0.05		518	
	non noble metal	iron	7439-89-6	0.988	1.03		10350	
	non noble metal	copper	7440-50-8	40.126	42.03	43.12	420251	431248
wire	noble metal	gold	7440-57-5	0.791	0.83	0.83	8284	8284
encapsulation	organic material	carbon black	1333-86-4	0.146	0.15		1530	
	plastics	epoxy resin	-	5.698	5.97		59677	
	inorganic material	silicondioxide	60676-86-0	42.857	44.90	51.02	448852	510059
leadfinish	noble metal	palladium	7440-05-3	0.000			4	
	noble metal	silver	7440-22-4	0.000			4	
	noble metal	gold	7440-57-5	0.001			7	
	non noble metal	nickel	7440-02-0	0.666	0.70	0.70	6976	6991
plating	noble metal	silver	7440-22-4	0.001			8	
	noble metal	palladium	7440-05-3	0.001			9	
	noble metal	gold	7440-57-5	0.001			15	
	non noble metal	nickel	7440-02-0	1.453	1.52	1.52	15214	15246
glue	plastics	bismaleimide resin	-	0.135	0.14		1411	
	noble metal	silver	7440-22-4	0.539	0.56	0.70	5645	7056
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com