

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPD70P04P4-09	**Issued**	02. June 2021
MA#	MA001610628		
Package	PG-TO252-3-313	**Weight***	319.32 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	2.074	0.65	0.65	6495	6495
leadframe	inorganic material	phosphorus	7723-14-0	0.044	0.01		138	
	non noble metal	iron	7439-89-6	0.147	0.05		461	
	non noble metal	copper	7440-50-8	147.096	46.06	46.12	460651	461250
wire	non noble metal	aluminium	7429-90-5	5.194	1.63	1.63	16265	16265
encapsulation	inorganic material	zincoxide	1314-13-2	1.384	0.43		4333	
	miscellaneous	miscellaneous	-	6.918	2.17		21666	
	plastics	epoxy resin	-	20.755	6.50		64997	
	inorganic material	silicondioxide	60676-86-0	109.310	34.23	43.33	342319	433315
leadfinish	non noble metal	tin	7440-31-5	3.740	1.17	1.17	11712	11712
plating	inorganic material	phosphorus	7723-14-0	0.003			11	
	non noble metal	nickel	7440-02-0	1.421	0.44	0.44	4449	4460
solder	non noble metal	tin	7440-31-5	0.041	0.01		127	
	noble metal	silver	7440-22-4	0.051	0.02		159	
	non noble metal	lead	7439-92-1	1.942	0.61	0.64	6082	6368
heatspreader	inorganic material	phosphorus	7723-14-0	0.006			18	
	non noble metal	iron	7439-89-6	0.019	0.01		60	
	non noble metal	copper	7440-50-8	19.177	6.01	6.02	60057	60135
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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