

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPD80P03P4L-07	**Issued**	02. June 2021
MA#	MA000461728		
Package	PG-TO252-3-11	**Weight***	371.59 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	2.218	0.60	0.60	5969	5969
leadframe	inorganic material	phosphorus	7723-14-0	0.065	0.02		174	
	non noble metal	iron	7439-89-6	0.215	0.06		579	
	non noble metal	copper	7440-50-8	215.017	57.86	57.94	578644	579397
wire	non noble metal	aluminium	7429-90-5	5.045	1.36	1.36	13576	13576
encapsulation	inorganic material	zincoxide	1314-13-2	1.239	0.33		3333	
	miscellaneous	miscellaneous	-	6.193	1.67		16667	
	plastics	epoxy resin	-	18.580	5.00		50002	
	inorganic material	silicondioxide	60676-86-0	97.856	26.33	33.33	263346	333348
leadfinish	non noble metal	tin	7440-31-5	3.740	1.01	1.01	10065	10065
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.091	0.02	0.02	244	245
solder	non noble metal	tin	7440-31-5	0.043	0.01		114	
	noble metal	silver	7440-22-4	0.053	0.01		143	
	non noble metal	lead	7439-92-1	2.031	0.55	0.57	5466	5723
heatspreader	inorganic material	phosphorus	7723-14-0	0.006			16	
	non noble metal	iron	7439-89-6	0.019	0.01		52	
	non noble metal	copper	7440-50-8	19.177	5.16	5.17	51609	51677
*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.

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