

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPD075N03L G	**Issued**	4. February 2020
MA#	MA005350137		
Package	PG-TO252-3-345	**Weight***	337.13 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	0.899	0.27	0.27	2667	2667
leadframe	inorganic material	phosphorus	7723-14-0	0.058	0.02		172	
	non noble metal	iron	7439-89-6	0.193	0.06		572	
	non noble metal	copper	7440-50-8	192.629	57.13	57.21	571371	572115
wire	non noble metal	aluminium	7429-90-5	2.229	0.66	0.66	6611	6611
encapsulation	organic material	carbon black	1333-86-4	0.411	0.12		1218	
	plastics	epoxy resin	-	12.452	3.69		36934	
	inorganic material	silicondioxide	60676-86-0	123.971	36.77	40.58	367720	405872
leadfinish	non noble metal	tin	7440-31-5	2.562	0.76	0.76	7600	7600
plating	non noble metal	nickel	7440-02-0	0.565	0.17	0.17	1676	1676
solder	non noble metal	tin	7440-31-5	0.023	0.01		69	
	noble metal	silver	7440-22-4	0.029	0.01		86	
	non noble metal	lead	7439-92-1	1.114	0.33	0.35	3304	3459
*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 München
Internet	www.infineon.com