

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDP15E60	**Issued**	08. April 2022
MA#	MA005699847		
Package	PG-TO220-2-1	**Weight***	1964.09 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	1.385	0.07	0.07	705	705
leadframe	inorganic material	phosphorus	7723-14-0	0.226	0.01		115	
	non noble metal	iron	7439-89-6	0.753	0.04		383	
	non noble metal	copper	7440-50-8	751.797	38.27	38.32	382769	383267
wire	non noble metal	aluminium	7429-90-5	1.605	0.08	0.08	817	817
encapsulation	organic material	carbon black	1333-86-4	6.024	0.31		3067	
	plastics	epoxy resin	-	114.455	5.83		58274	
	inorganic material	silicondioxide	60676-86-0	481.916	24.54	30.68	245363	306704
leadfinish	non noble metal	tin	7440-31-5	14.487	0.74	0.74	7376	7376
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.198	0.01	0.01	101	102
solder	non noble metal	antimony	7440-36-0	0.101	0.01		52	
	noble metal	silver	7440-22-4	0.254	0.01		129	
	non noble metal	tin	7440-31-5	0.659	0.03	0.05	336	517
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		90	
	non noble metal	iron	7439-89-6	0.590	0.03		301	
	non noble metal	copper	7440-50-8	589.466	30.01	30.05	300121	300512
*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