

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDV30E65D2	**Issued**	02. June 2021
MA#	MA001458596		
Package	PG-TO220-2-23	**Weight***	2153.44 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	1.287	0.06	0.06	598	598
leadframe	inorganic material	phosphorus	7723-14-0	0.306	0.01		142	
	non noble metal	iron	7439-89-6	1.021	0.05		474	
	non noble metal	copper	7440-50-8	1,020.042	47.37	47.43	473680	474296
wire	non noble metal	aluminium	7429-90-5	7.235	0.34	0.34	3360	3360
encapsulation	organic material	carbon black	1333-86-4	2.237	0.10		1039	
	plastics	epoxy resin	-	209.888	9.75		97466	
	inorganic material	silicondioxide	60676-86-0	904.026	41.98	51.83	419806	518311
leadfinish	non noble metal	tin	7440-31-5	5.465	0.25	0.25	2538	2538
plating	non noble metal	nickel	7440-02-0	0.787	0.04	0.04	365	365
solder	non noble metal	antimony	7440-36-0	0.115	0.01		53	
	noble metal	silver	7440-22-4	0.287	0.01		133	
	non noble metal	tin	7440-31-5	0.745	0.03	0.05	346	532
*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