

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDP08E65D2	**Issued**	02. June 2021
MA#	MA000997628		
Package	PG-TO220-2-1	**Weight***	1963.48 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	0.448	0.02	0.02	228	228
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	38.29	38.34	382889	383387
wire	non noble metal	aluminium	7429-90-5	1.532	0.08	0.08	780	780
encapsulation	organic material	carbon black	1333-86-4	6.034	0.31		3073	
	plastics	epoxy resin	-	114.638	5.84		58385	
	inorganic material	silicondioxide	60676-86-0	482.686	24.58	30.73	245832	307290
leadfinish	non noble metal	tin	7440-31-5	14.487	0.74	0.74	7378	7378
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	0.045			23	
	noble metal	silver	7440-22-4	0.112	0.01		57	
	non noble metal	tin	7440-31-5	0.292	0.01	0.02	149	229
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	30.02	30.06	300215	300606
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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.

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