



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IDV08E65D2	<b>Issued</b>	31. March 2021
<b>MA#</b>	MA001403376		
<b>Package</b>	PG-TO220-2-23	<b>Weight*</b>	2152.44 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	0.448	0.02	0.02	208	208
leadframe	inorganic material	phosphorus	7723-14-0	0.306	0.01		142	
	non noble metal	iron	7439-89-6	1.021	0.05		475	
	non noble metal	copper	7440-50-8	1,020.042	47.39	47.45	473901	474518
wire	non noble metal	aluminium	7429-90-5	2.063	0.10	0.10	958	958
encapsulation	organic material	carbon black	1333-86-4	2.246	0.10		1043	
	plastics	epoxy resin	-	210.932	9.80		97997	
	inorganic material	silicon dioxide	60676-86-0	908.677	42.22	52.12	422162	521202
leadfinish	non noble metal	tin	7440-31-5	5.465	0.25	0.25	2539	2539
plating	non noble metal	nickel	7440-02-0	0.787	0.04	0.04	366	366
solder	non noble metal	antimony	7440-36-0	0.045			21	
	noble metal	silver	7440-22-4	0.112	0.01		52	
	non noble metal	tin	7440-31-5	0.292	0.01	0.02	136	209
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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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