



Material Content Data Sheet



Halogen-Free

Sales Product Name	IDV08E65D2	Issued	14. February 2022
MA#	MA005619209		
Package	PG-TO220-2-23	Weight*	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	silicondioxide	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:

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.
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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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