



Material Content Data Sheet



Halogen-Free

Sales Product Name	IDV15E65D2	Issued	14. February 2022
MA#	MA005619213		
Package	PG-TO220-2-23	Weight*	2152.68 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	0.742	0.03	0.03	345	345
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	47.40	47.46	473848	474464
wire	non noble metal	aluminium	7429-90-5	3.667	0.17	0.17	1703	1703
encapsulation	organic material	carbon black	1333-86-4	2.244	0.10		1042	
	plastics	epoxy resin	-	210.592	9.78		97828	
	inorganic material	silicondioxide	60676-86-0	907.114	42.14	52.02	421389	520259
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	0.070			32	
	noble metal	silver	7440-22-4	0.175	0.01		81	
	non noble metal	tin	7440-31-5	0.455	0.02	0.03	211	324
*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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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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